

# INDIANA SCHOOL TECH PLAN 2019



Directory (Page 2) has links to each section  
State graphic on each page links back to directory





**Bandwidth**



**Devices**

# INDIANA

SCHOOL TECH PLAN

# 2019



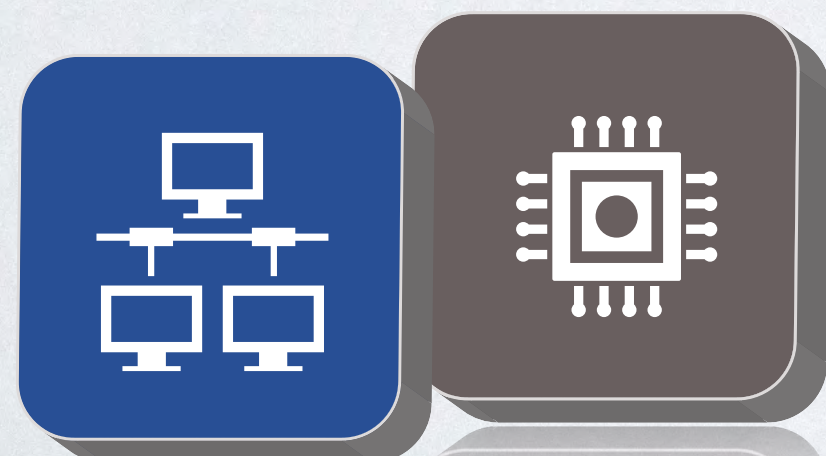
**Social Media**



**Digital Content**



**Platforms**



**Infrastructure**



**Virtual Learning**



**Staffing**



**Cybersecurity**

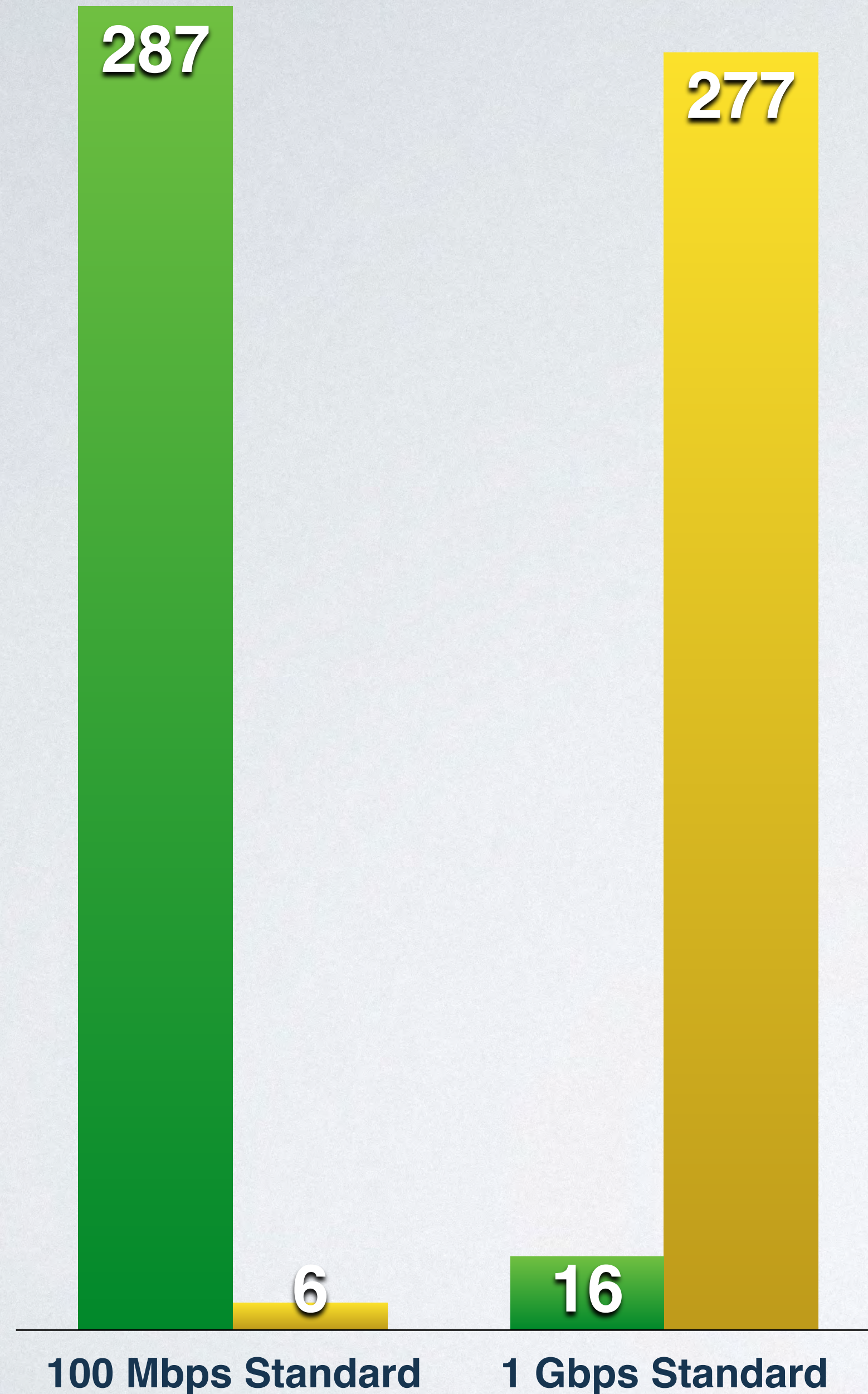




# Bandwidth



Number of Districts



# INDIANA

## SCHOOL TECH PLAN

### Broadband Targets



2019

287 districts over 100 Mbps, 6 below  
16 districts over 1 Gbps, 277 below

#### SETDA's targets for Broadband Access:

2014-15 - At least 100 Mbps per 1,000 students/staff

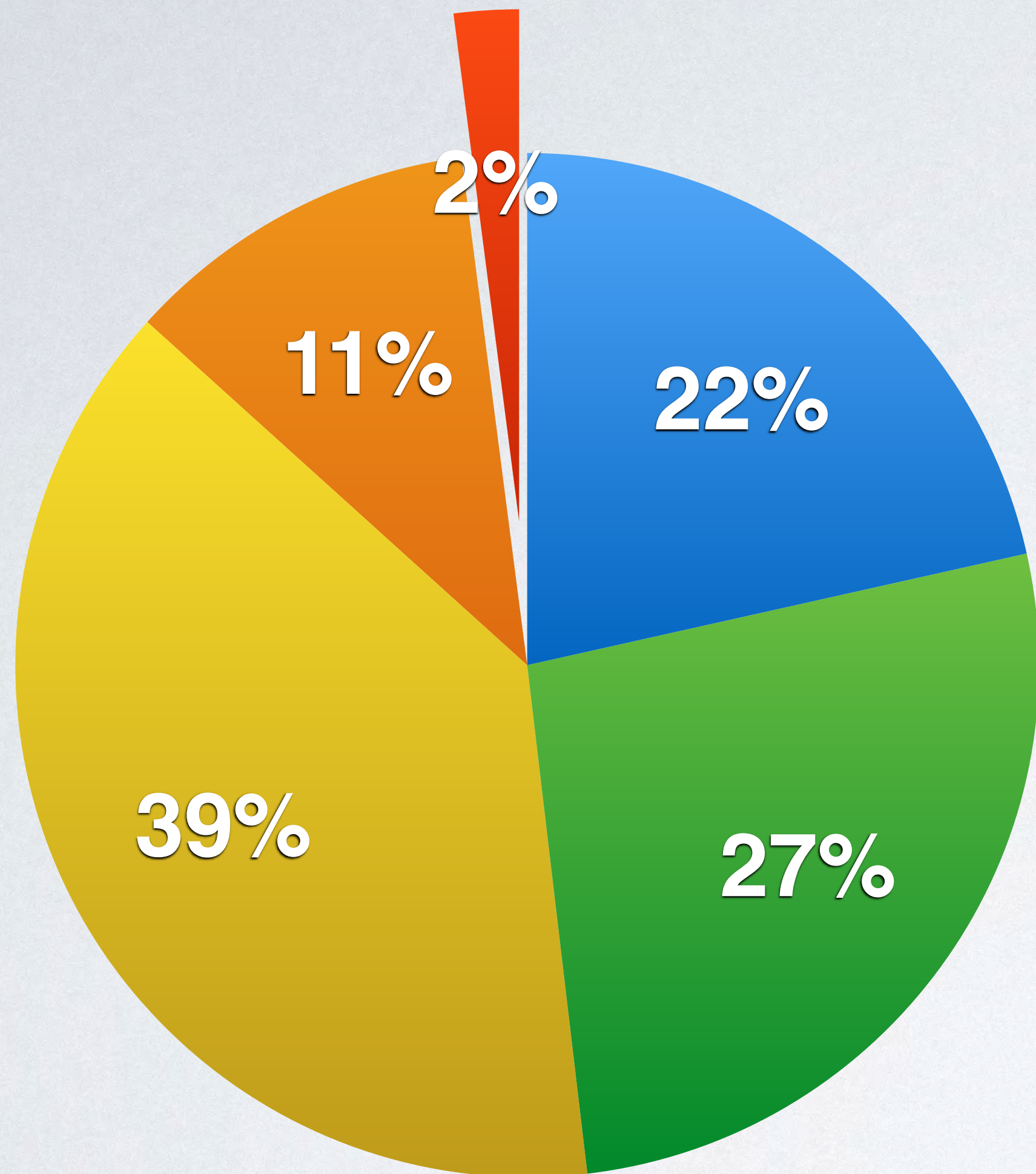
2017-18 - At least 1 Gbps per 1,000 students/staff (medium school)



# INDIANA

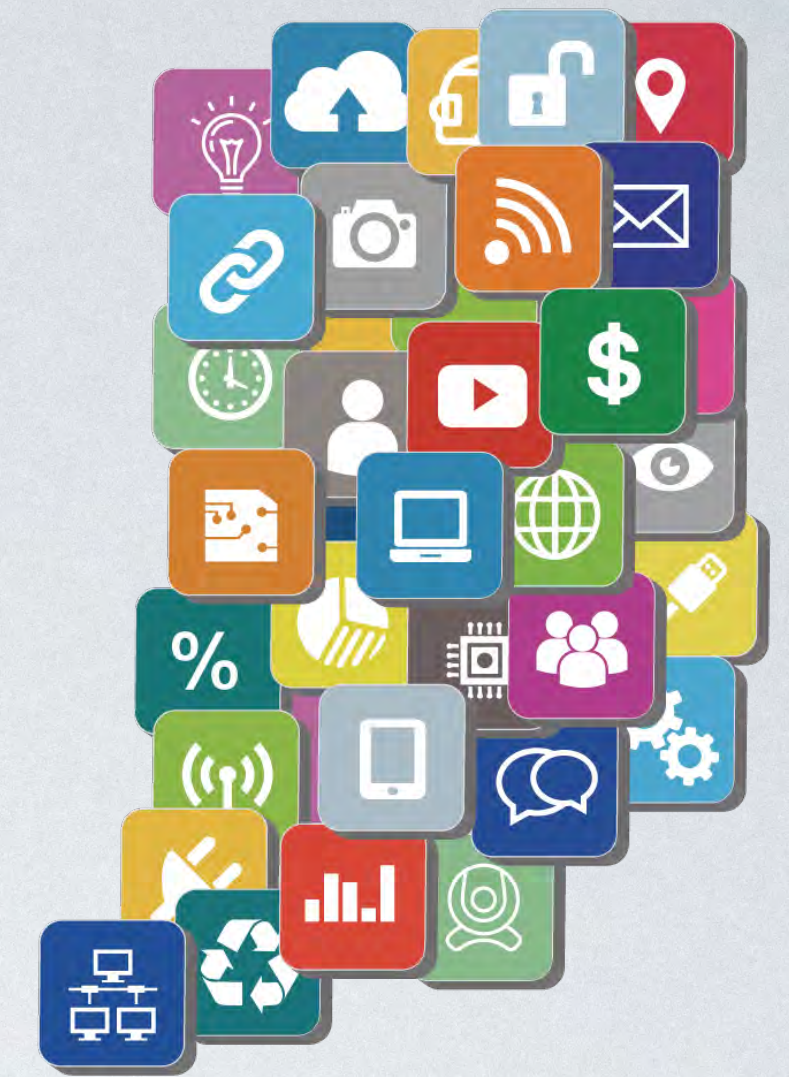
## SCHOOL TECH PLAN

### District Broadband Levels



- 600+
- 400-600
- 200-400
- 100-200
- <100

Mbps per 1,000 students/staff



# 2019

### SETDA's targets for Broadband Access:

2014-15 - At least 100 Mbps per 1,000 students/staff

2017-18 - At least 1024 Mbps per 1,000 students/staff

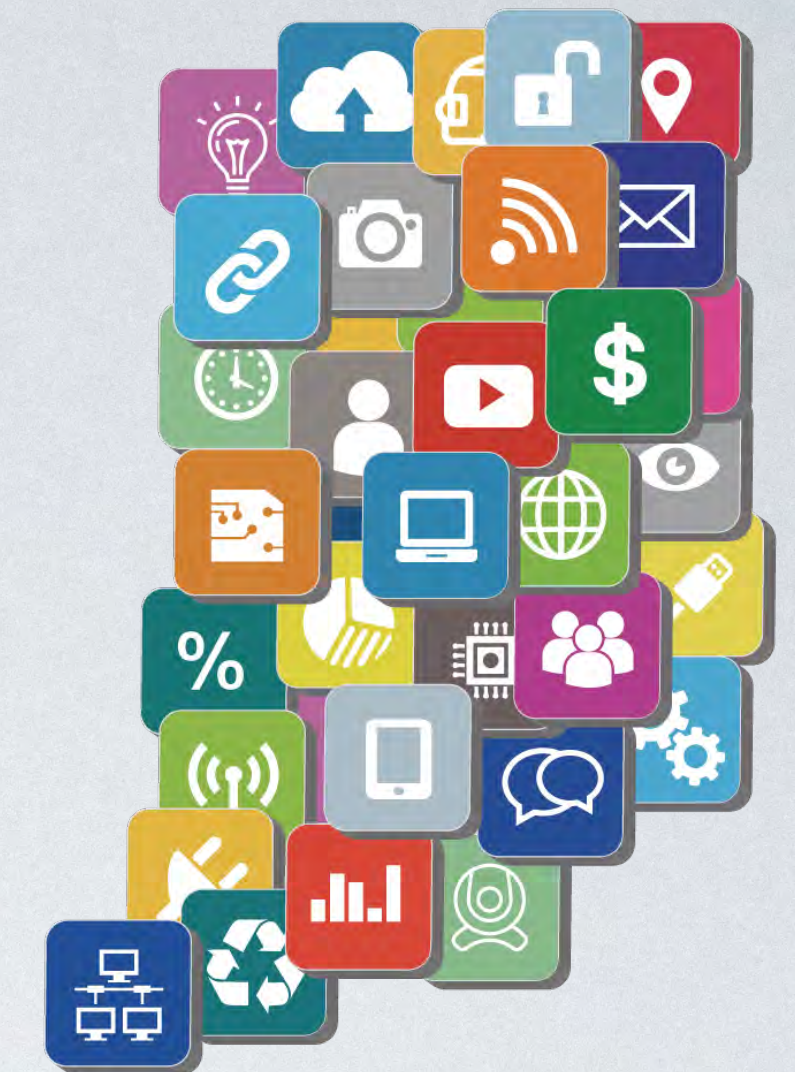
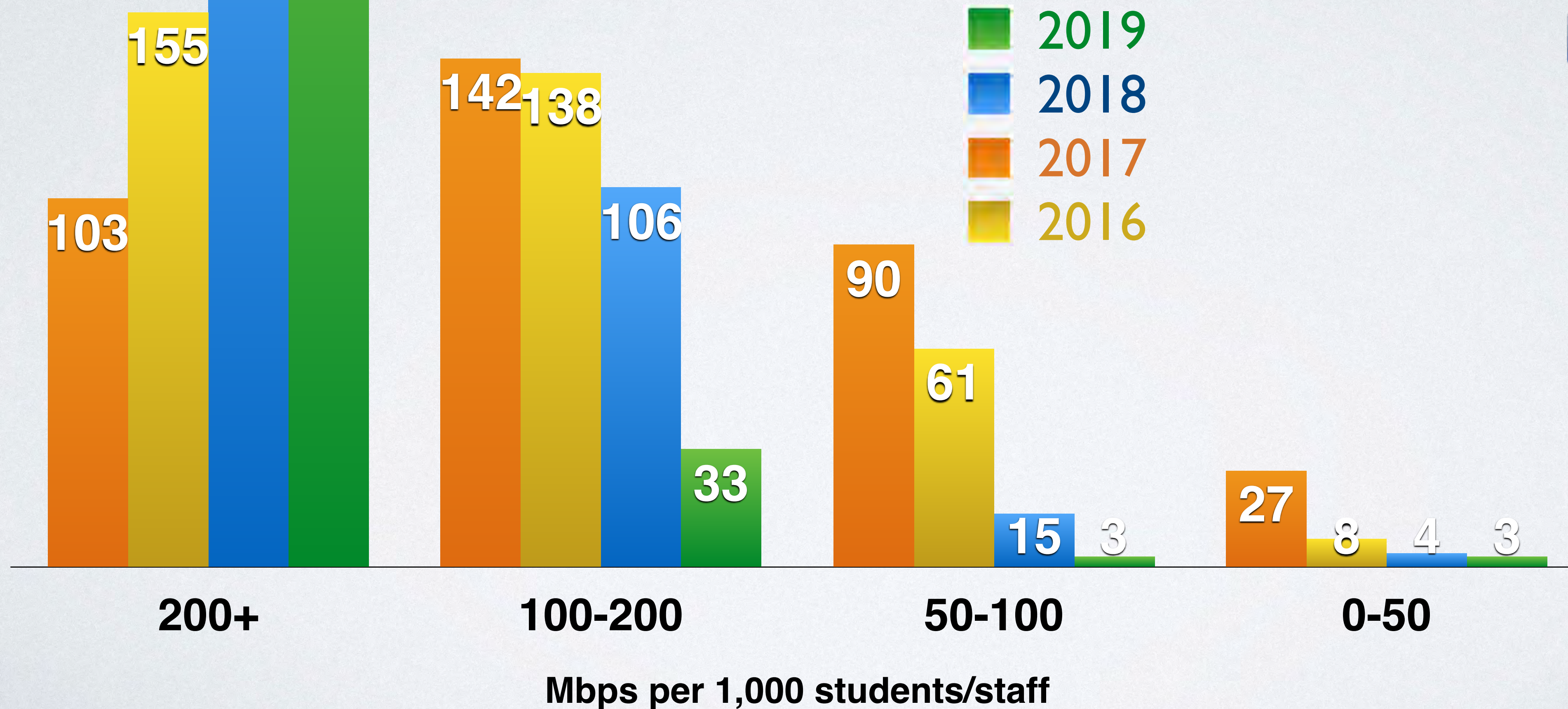


# INDIANA SCHOOL TECH PLAN

## District Broadband Levels

3-Year Comparison

Number of Districts



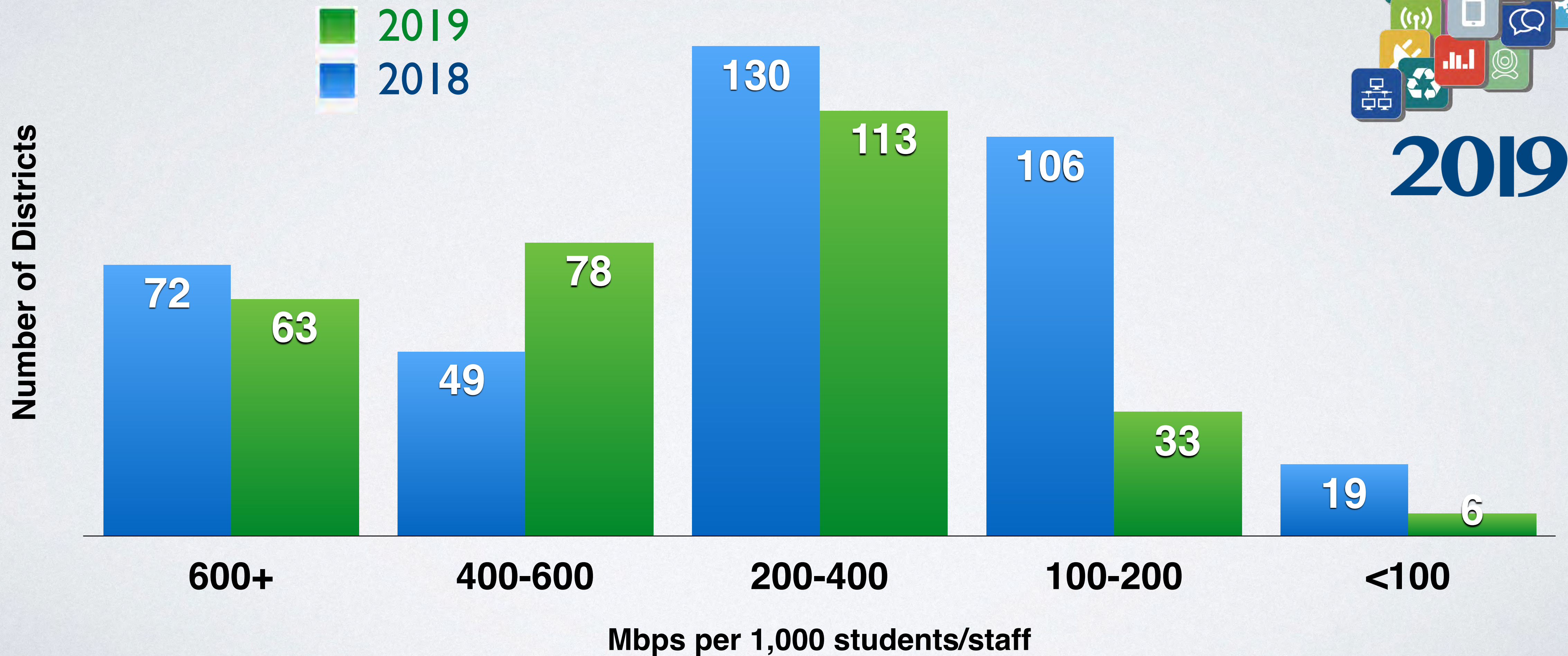
2019



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## SCHOOL TECH PLAN

### District Broadband Levels





# INDIANA

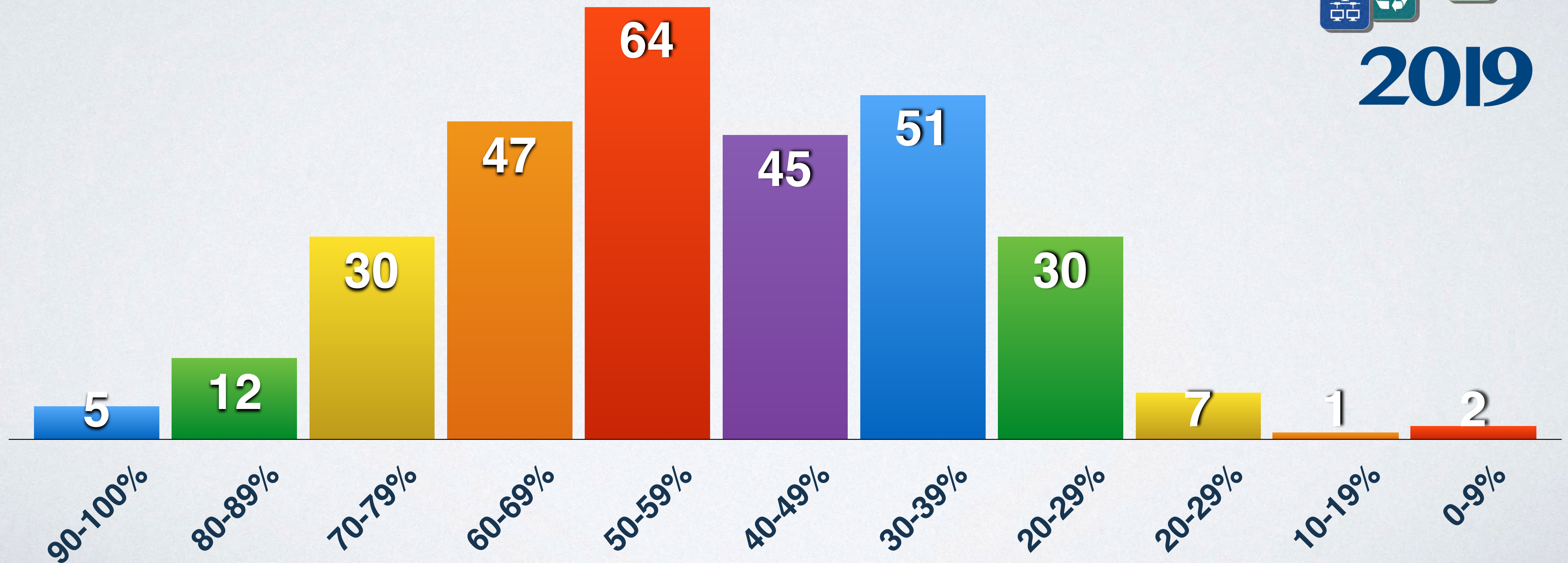
## SCHOOL TECH PLAN

### Average Utilization of Available Bandwidth



2019

Number of Districts







# Infrastructure



Number of Districts

# INDIANA

## SCHOOL TECH PLAN

### Current Wide Area Network (WAN)



2019

- WAN: Fiber - All Sites
- WAN: Fiber, T1 and/or Wireless Combination
- WAN: All T1
- WAN: All Wireless
- No WAN

294

37

4

13

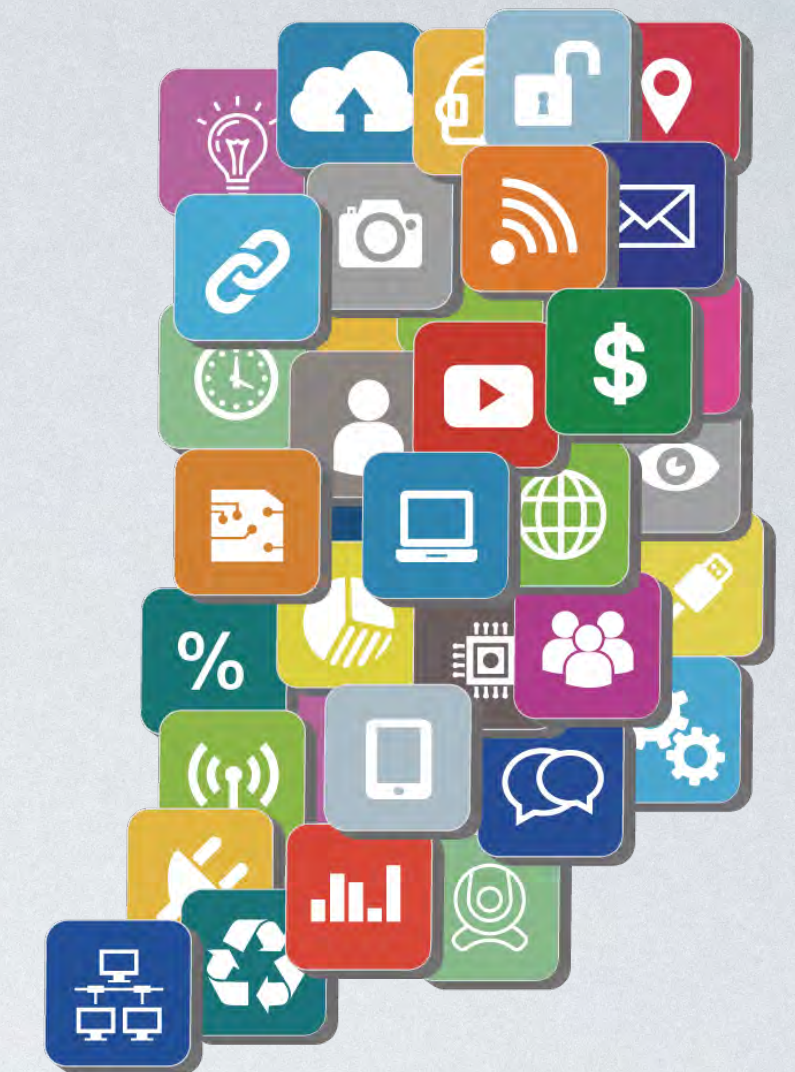
29



# INDIANA

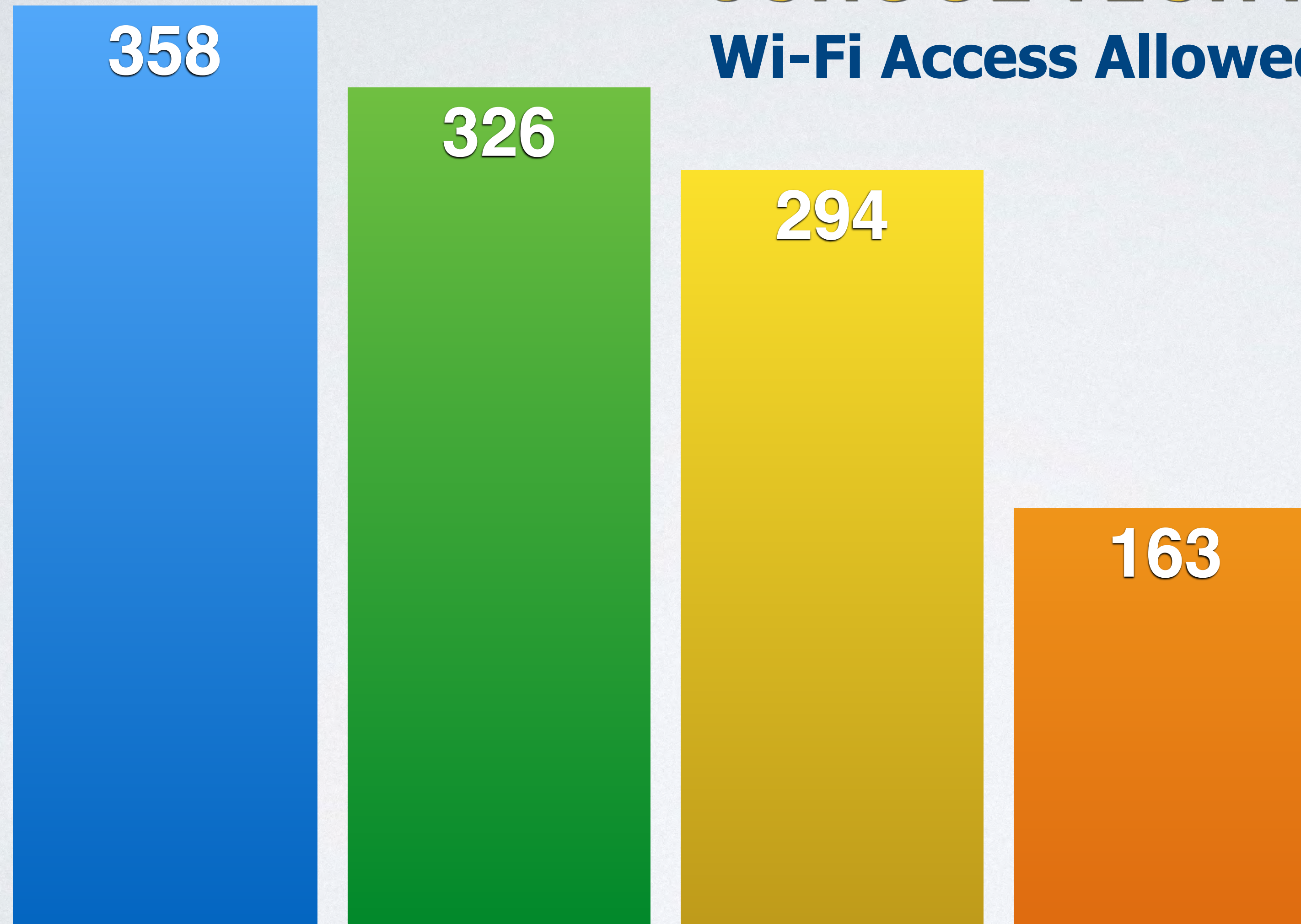
## SCHOOL TECH PLAN

### Wi-Fi Access Allowed for:



2019

Number of Districts



- School devices
- Guests
- Teacher BYOD
- Student BYOD

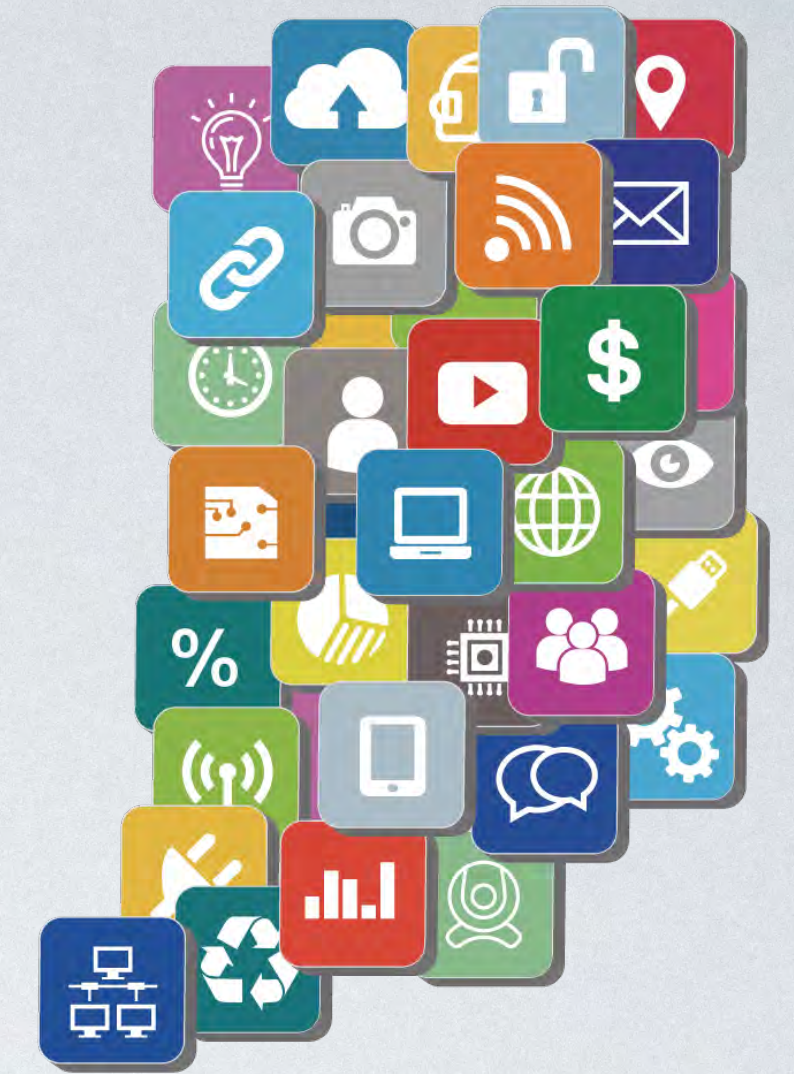


Number of Districts

# INDIANA SCHOOL TECH PLAN

## Away from School Access Initiatives

- Partner with library
- Partner with local businesses
- Partner with local internet providers
- Loan out mobile wi-fi hotspots
- Provide wi-fi on buses
- City wi-fi



2019

111

81

49

37

26

20





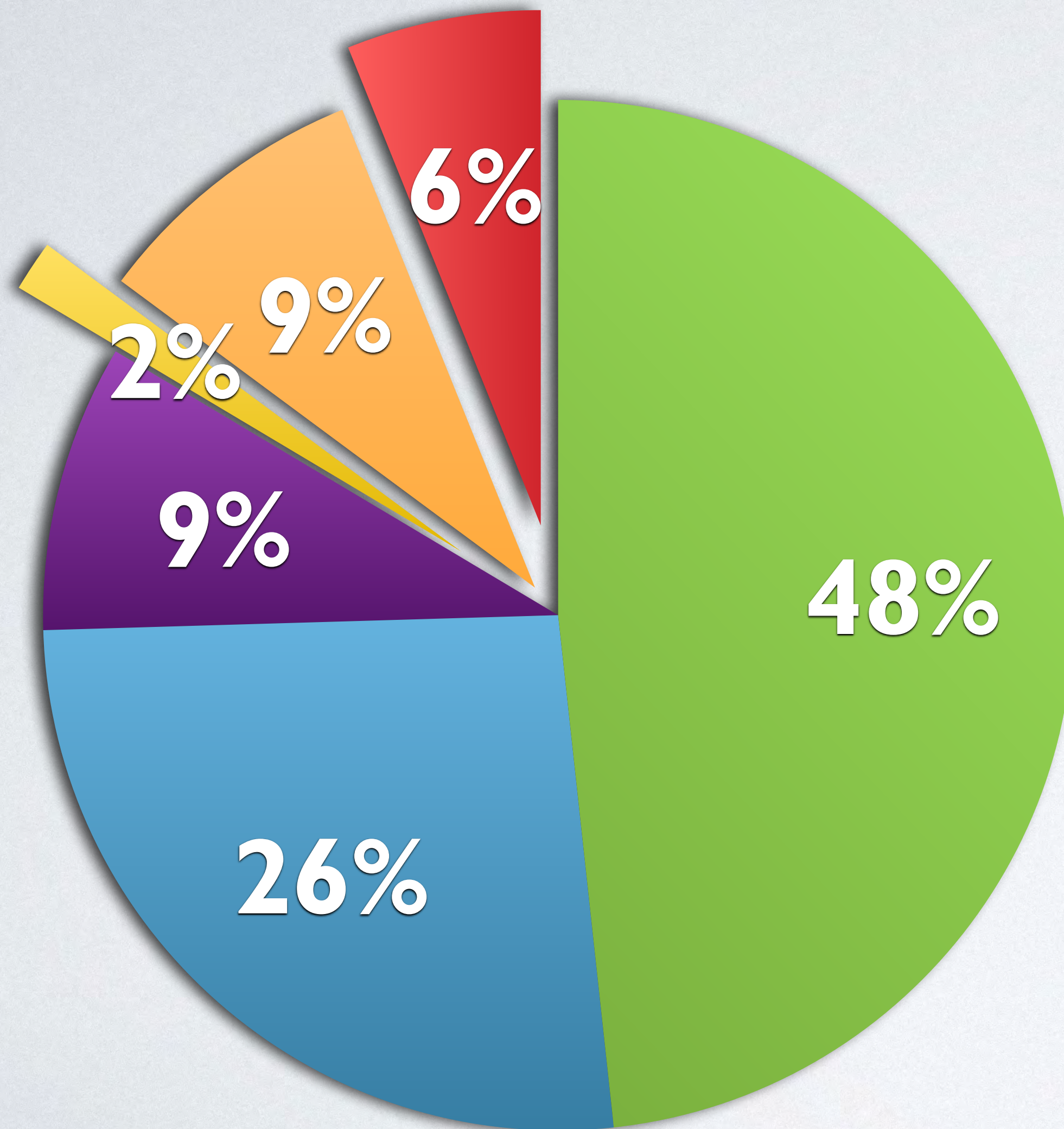
# Devices



# INDIANA

## SCHOOL TECH PLAN

### District 1:1 Status



#### % of districts that are:

- 1:1 at all grade levels
- 1:1 at most grade levels
- 1:1 in some grade levels
- Planning to launch 1:1 next year
- Studying/considering a 1:1
- No current plans to go 1:1



# 2019

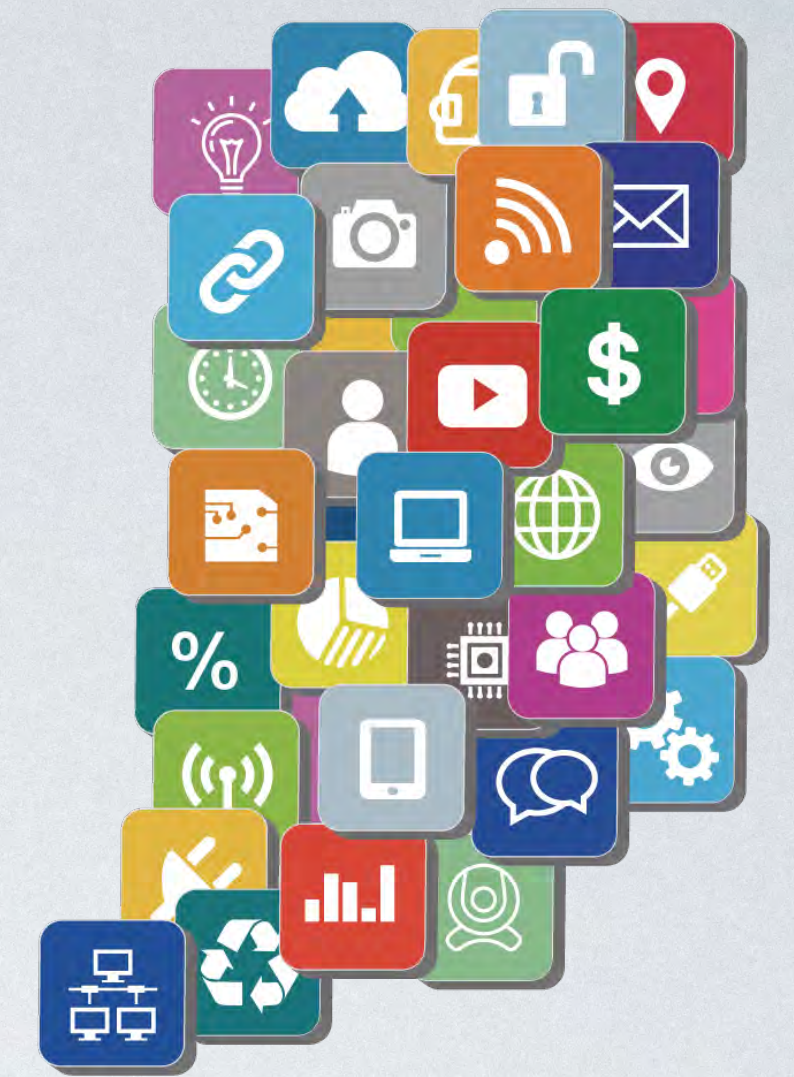
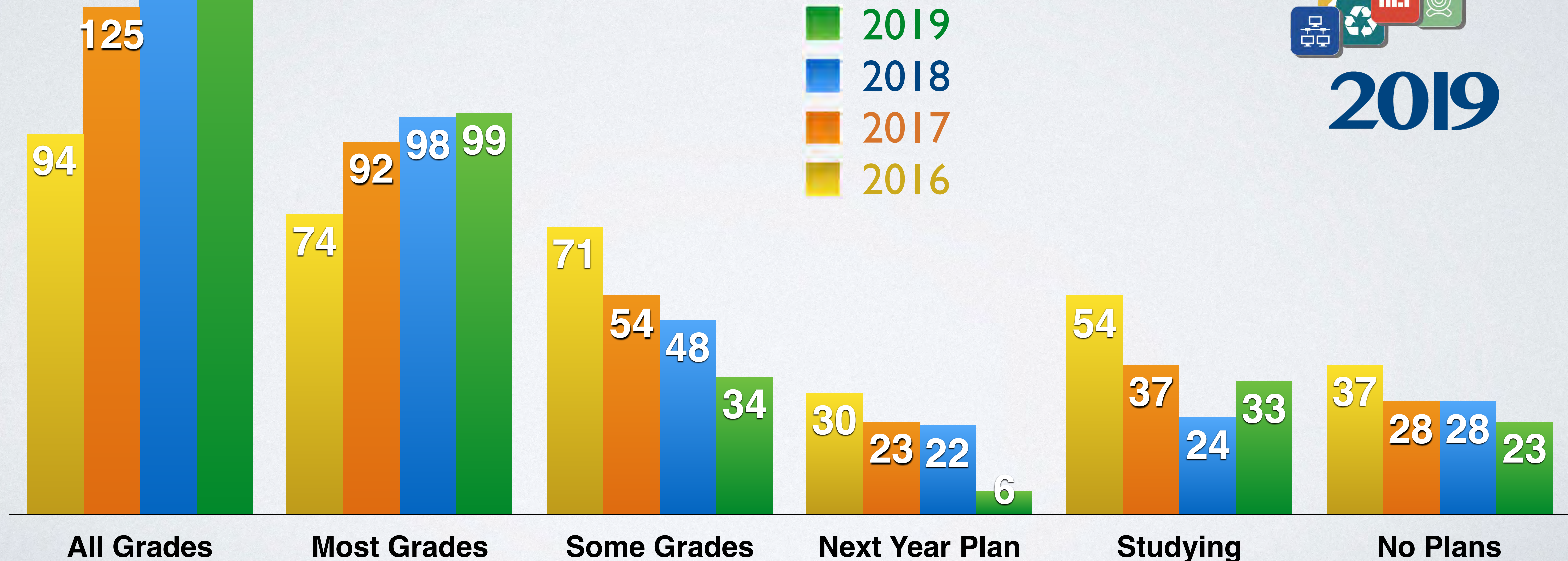


# INDIANA SCHOOL TECH PLAN

## District 1:1 Status

4-Year Comparison

Number of Districts

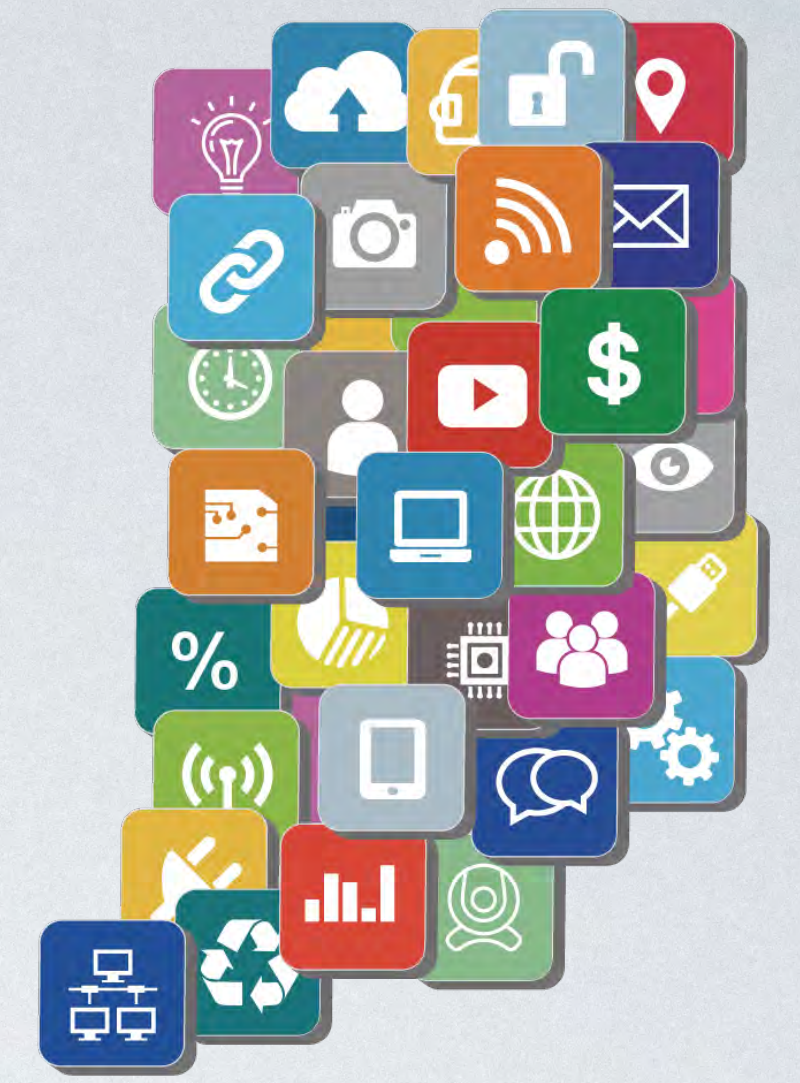


2019



# INDIANA SCHOOL TECH PLAN

**1:1 District Numbers  
by Grade**



**2019**

**Number of Districts**

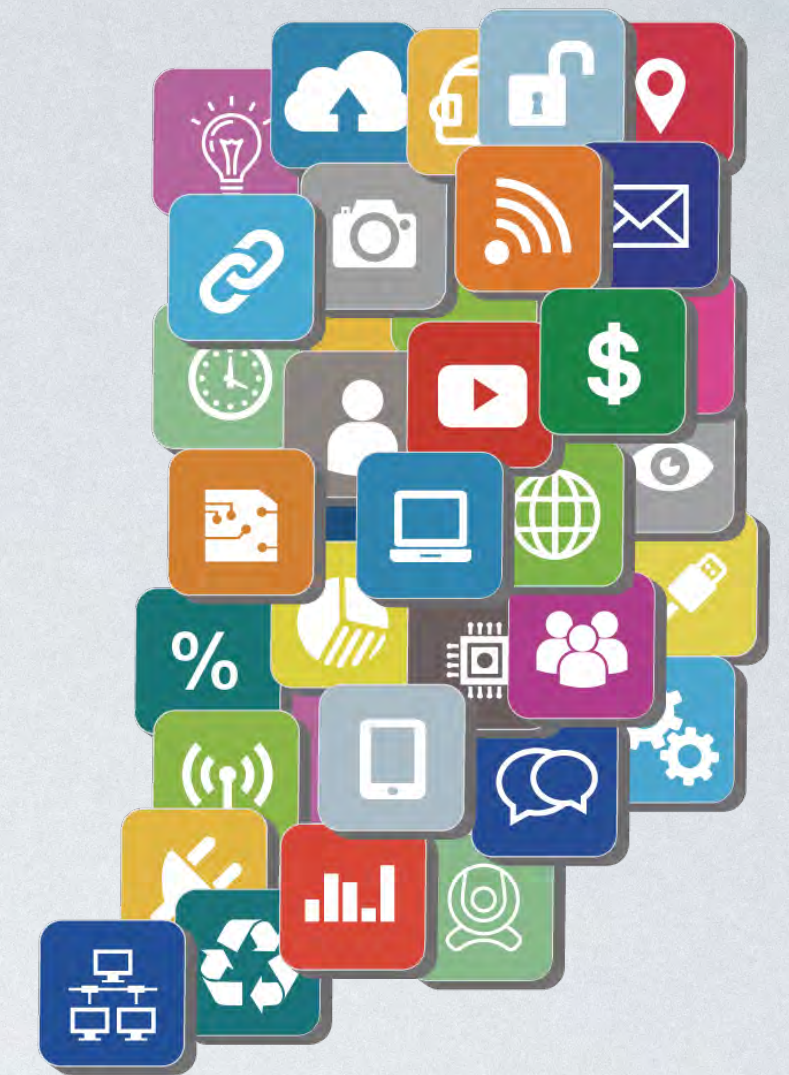
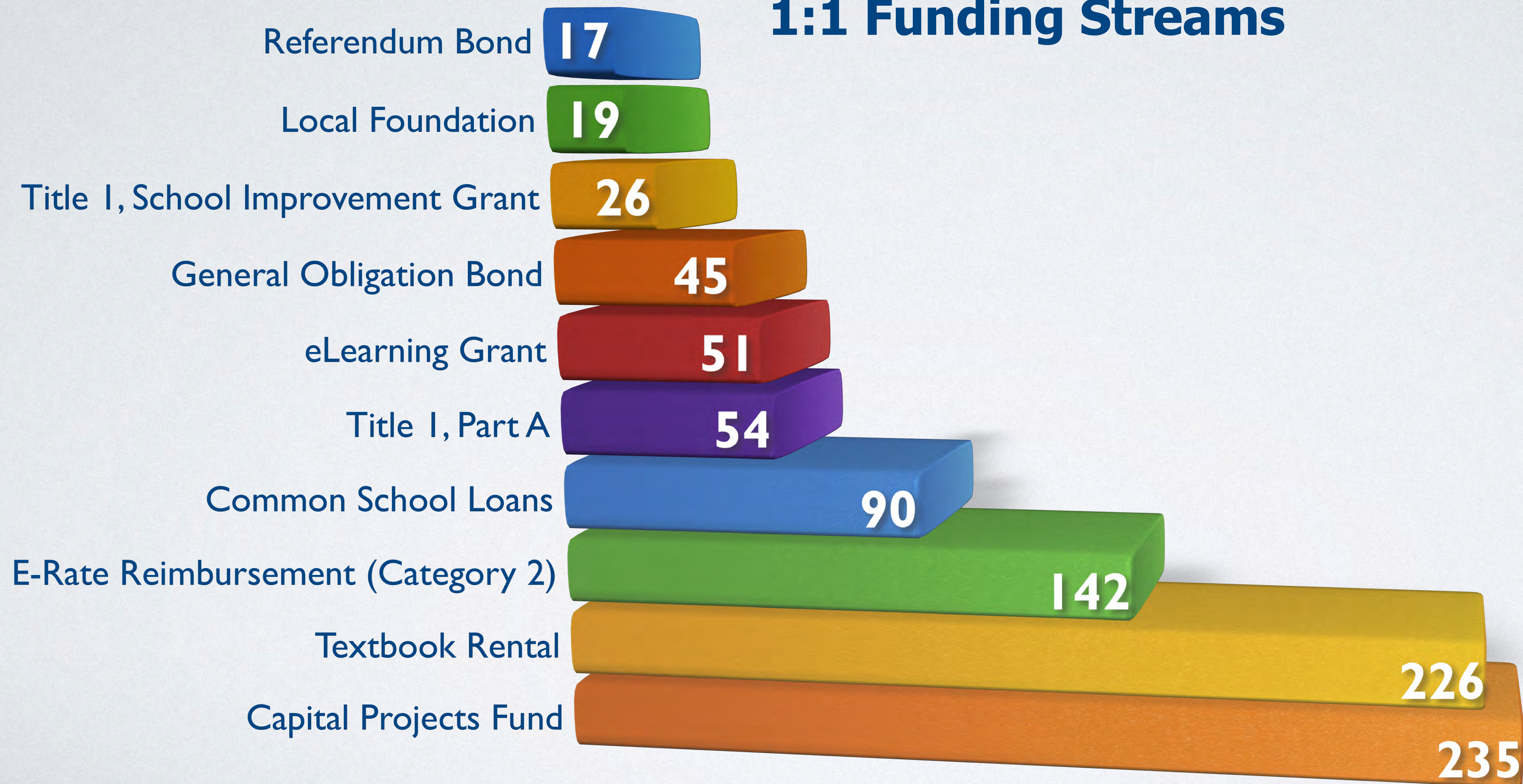




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## SCHOOL TECH PLAN

### 1:1 Funding Streams

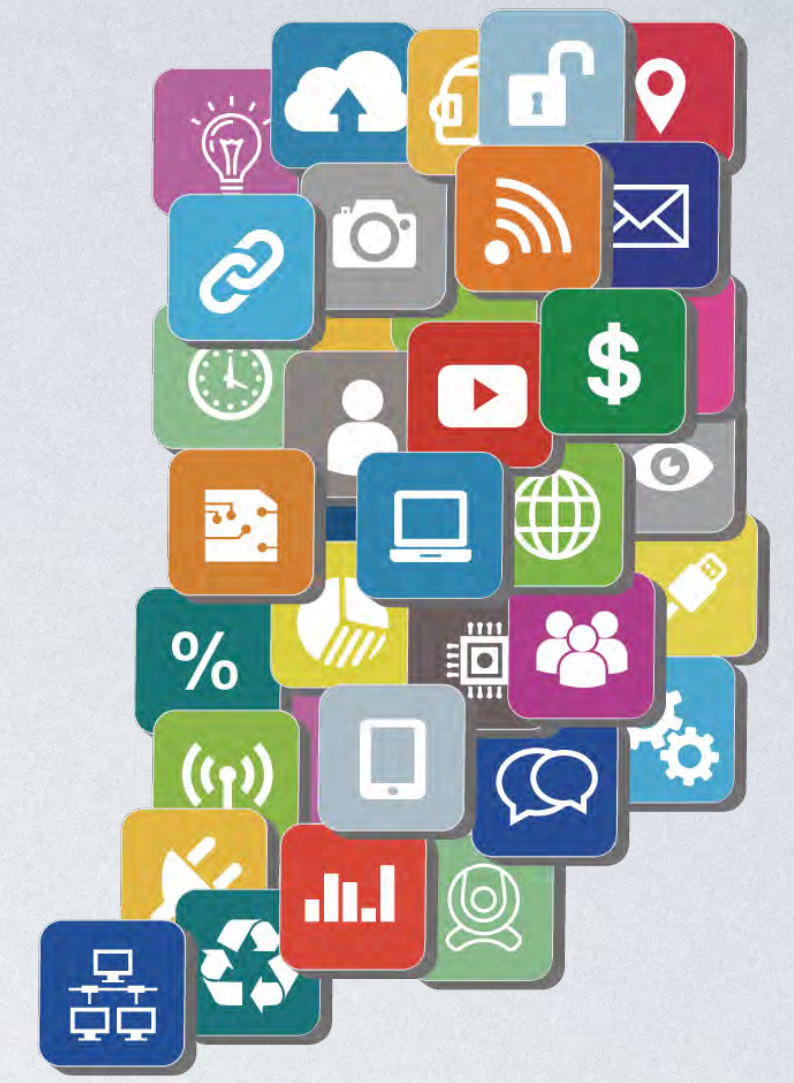
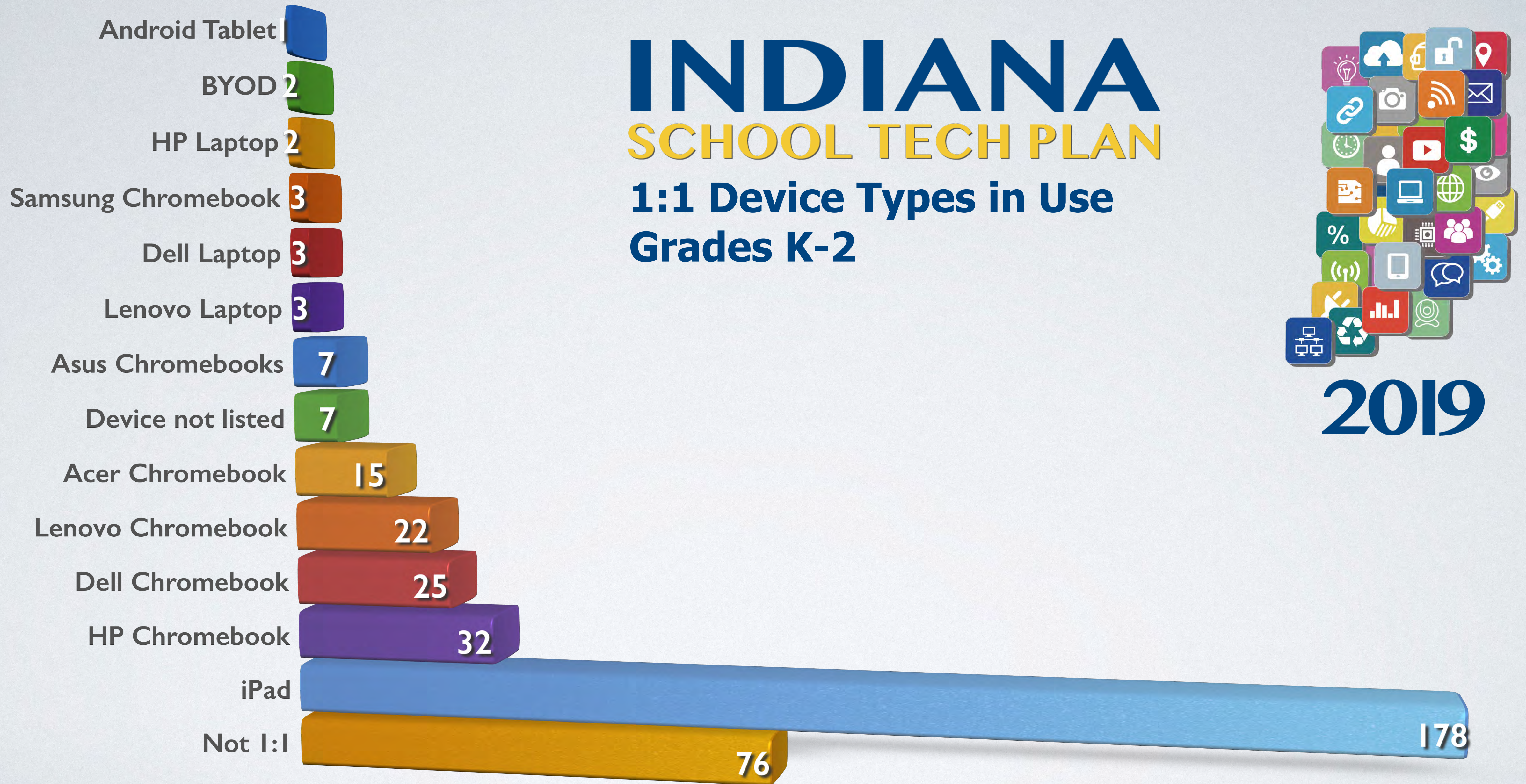


2019



# INDIANA SCHOOL TECH PLAN

## 1:1 Device Types in Use Grades K-2



2019

Number of Districts



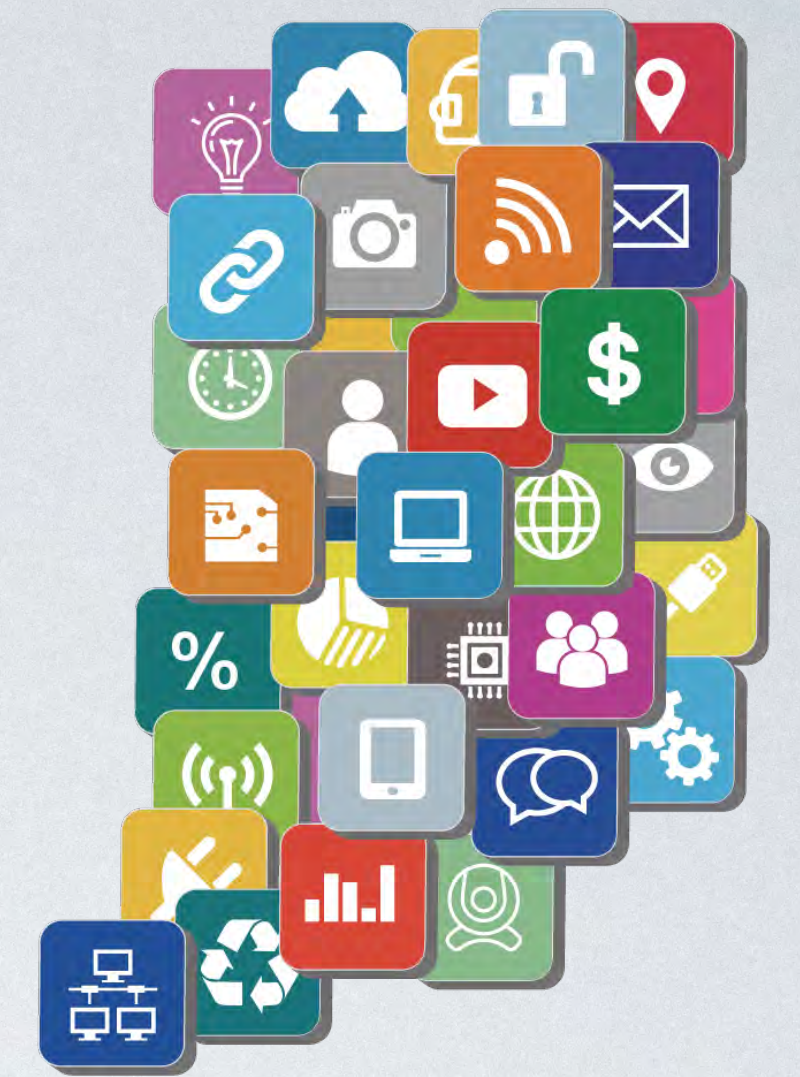
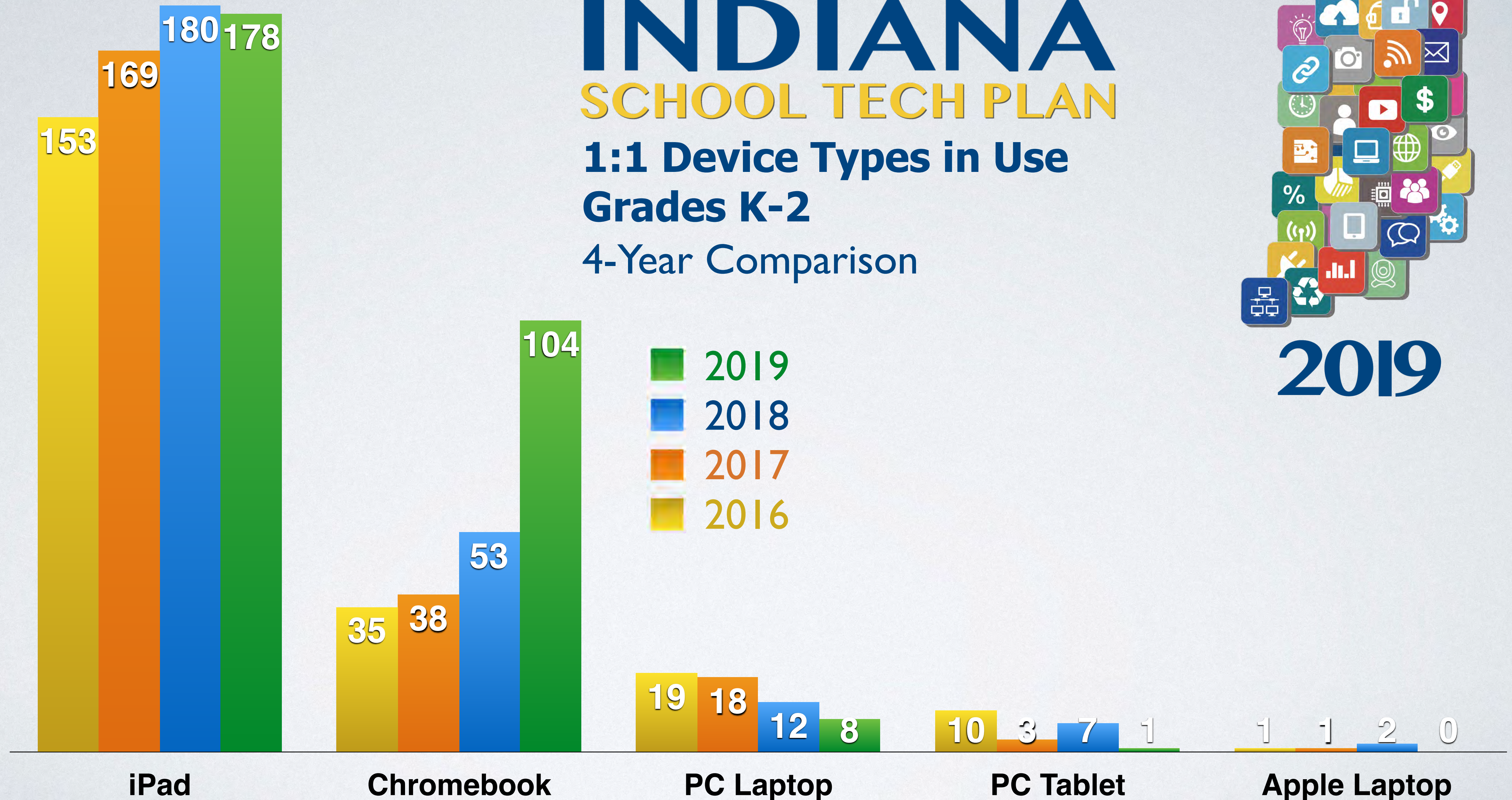
# INDIANA

## SCHOOL TECH PLAN

### 1:1 Device Types in Use Grades K-2

4-Year Comparison

Number of Districts



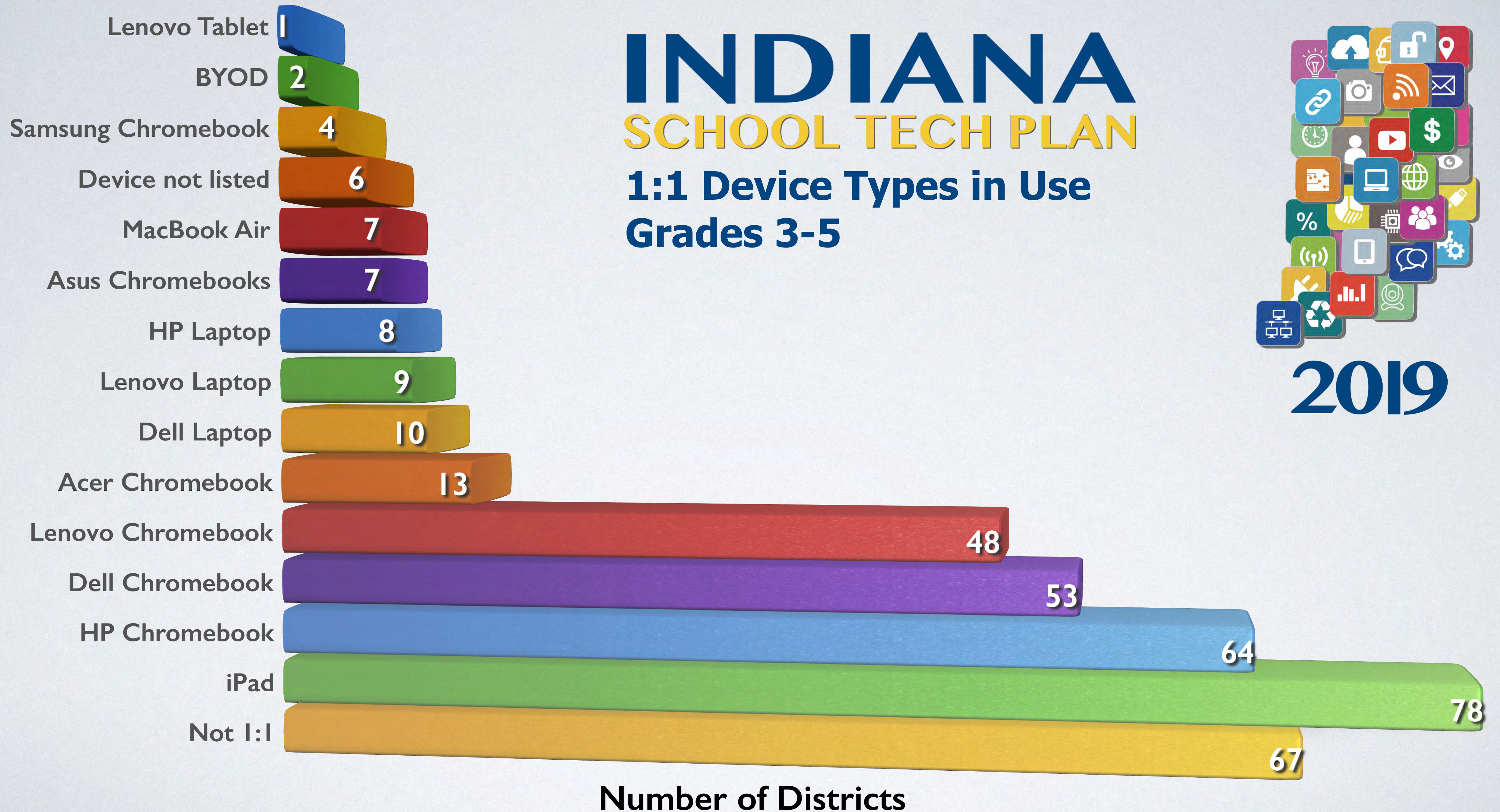
# 2019



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## SCHOOL TECH PLAN

### 1:1 Device Types in Use Grades 3-5





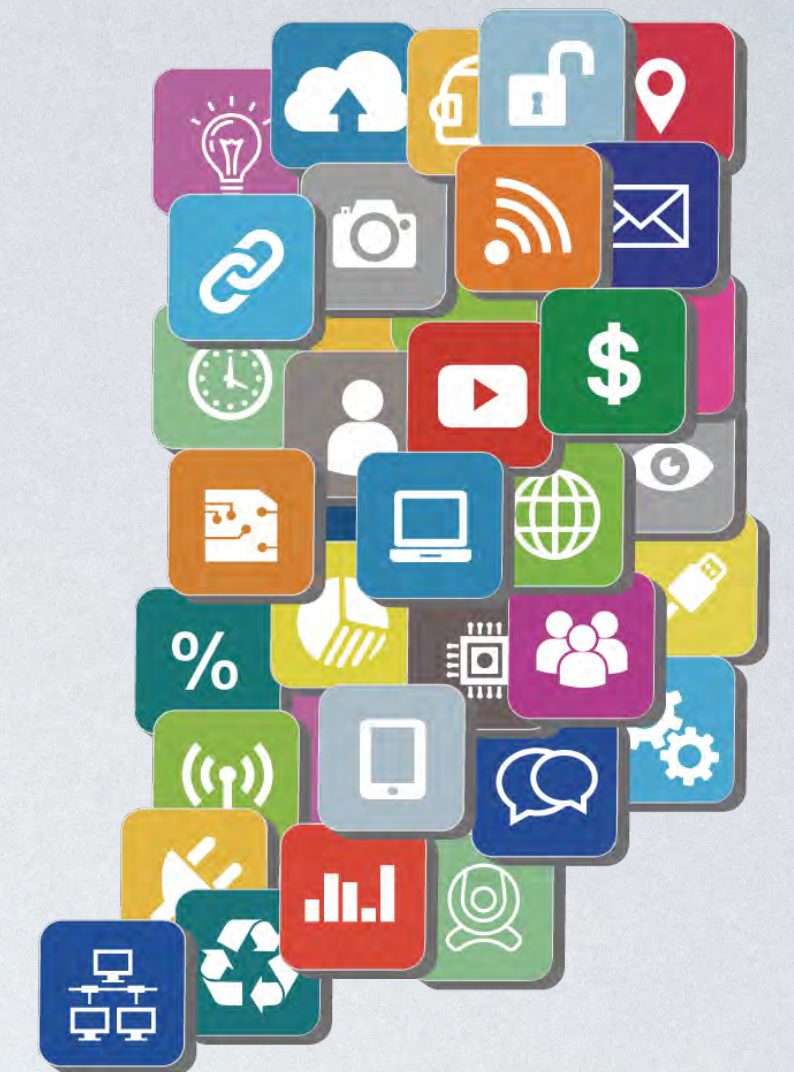
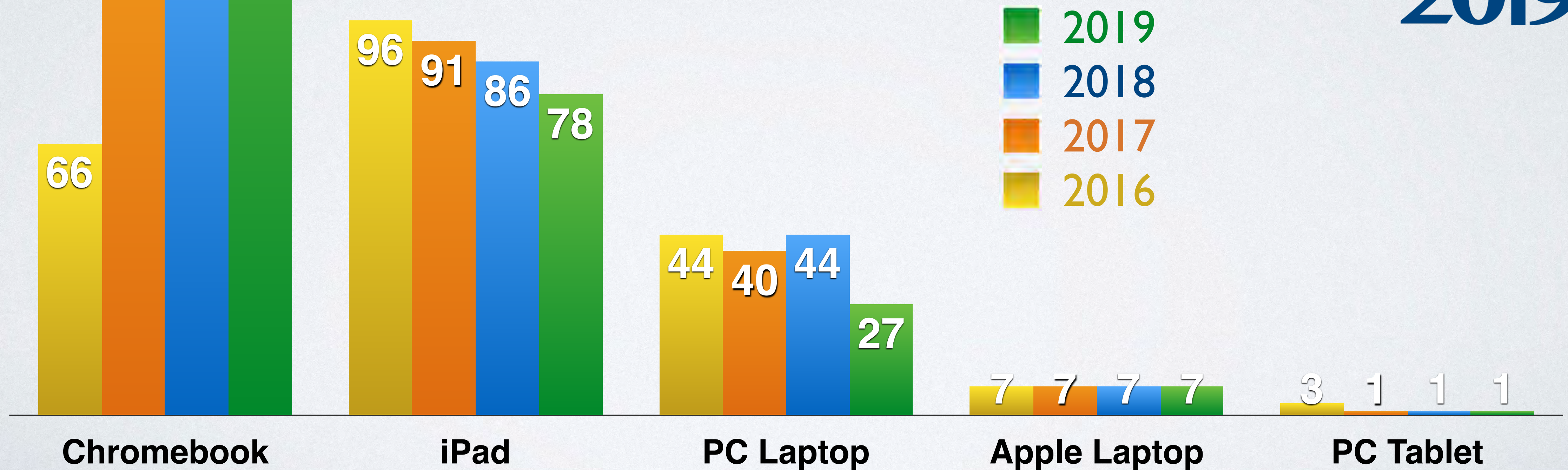
# INDIANA

## SCHOOL TECH PLAN

### 1:1 Device Types in Use Grades 3-5

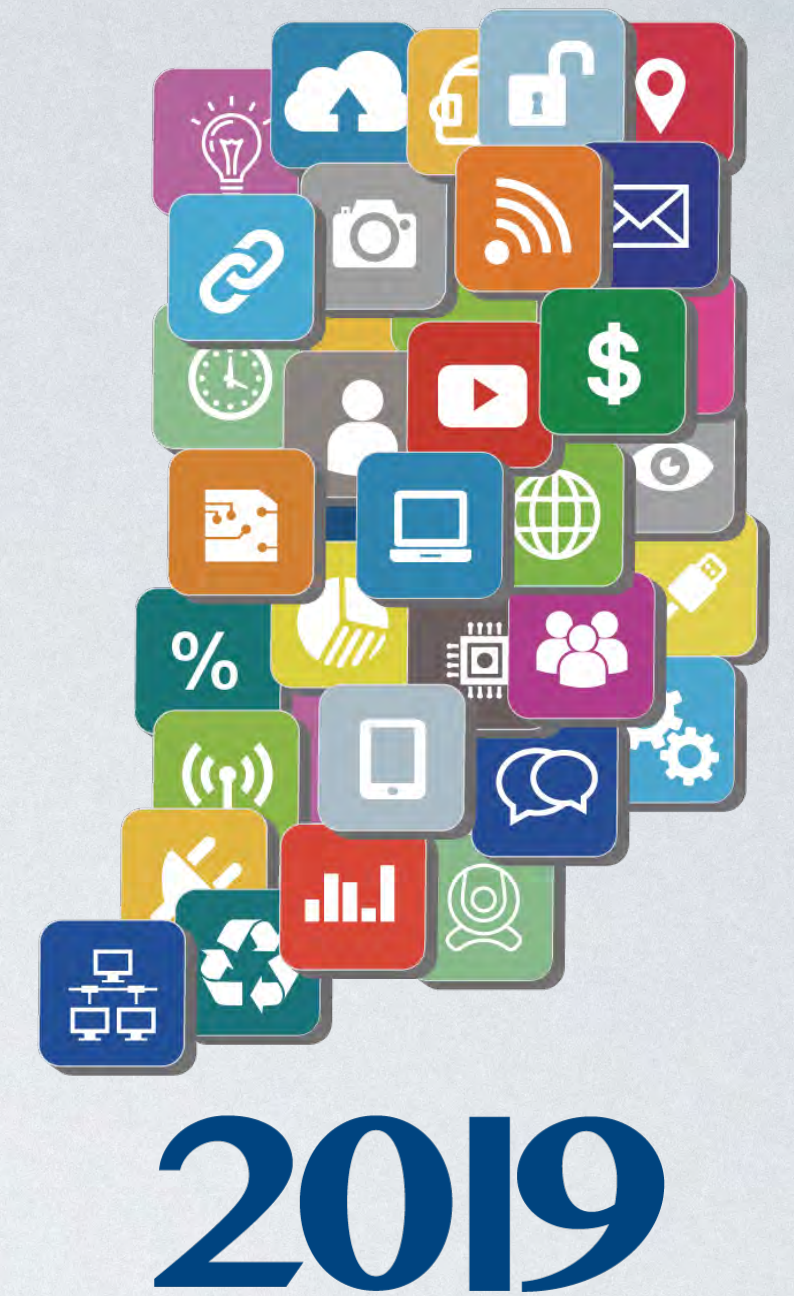
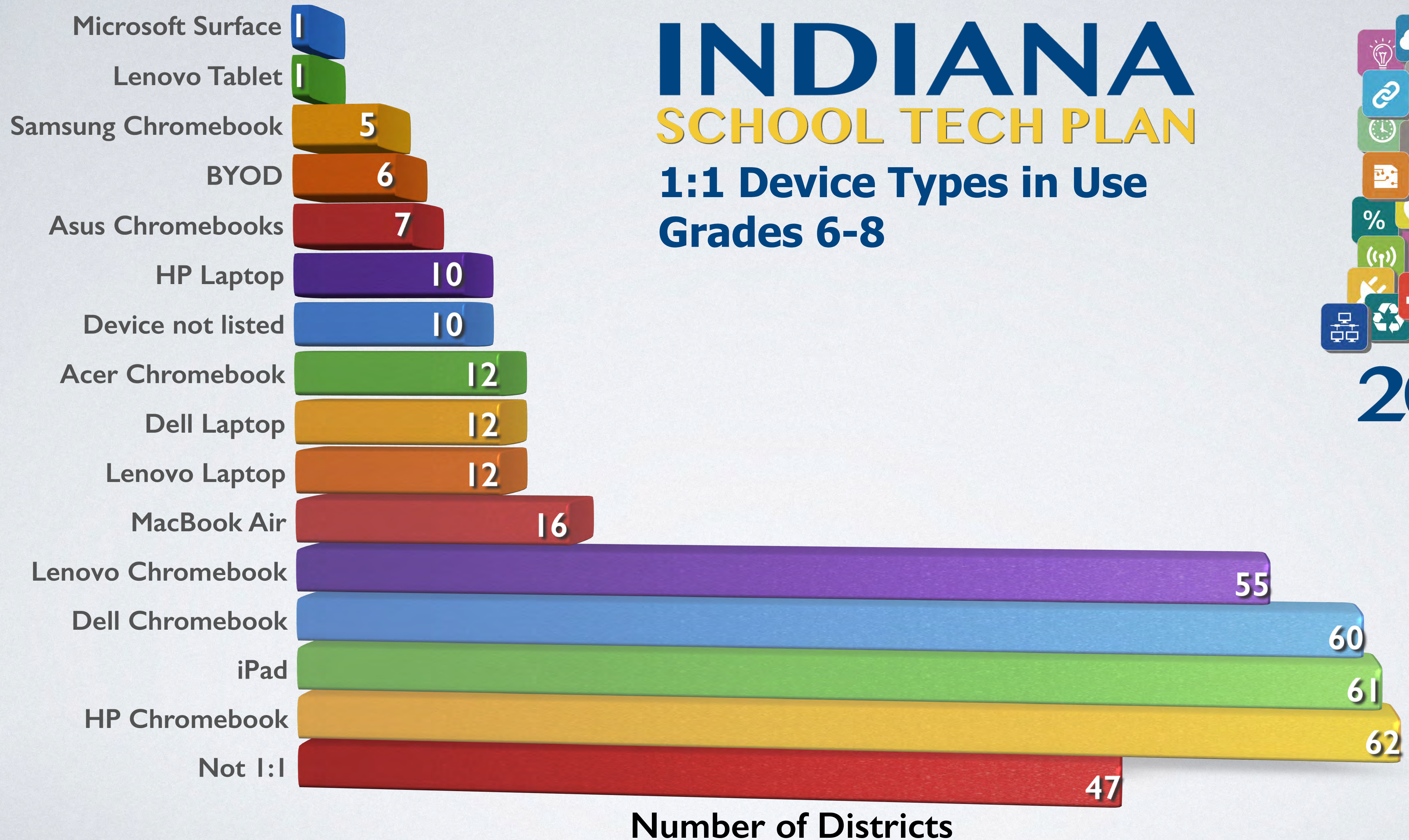
4-Year Comparison

Number of Districts



# 2019







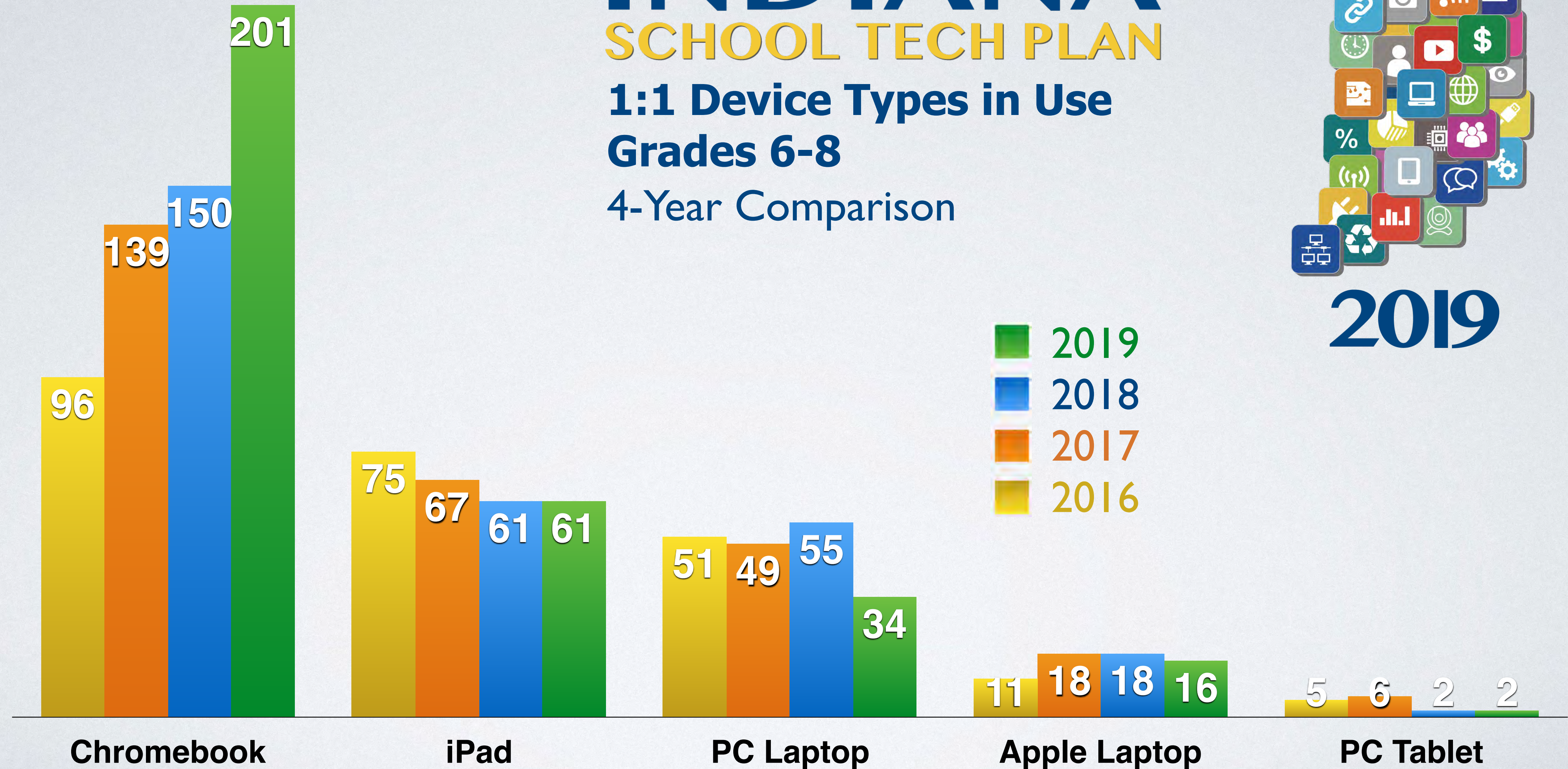
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## SCHOOL TECH PLAN

### 1:1 Device Types in Use Grades 6-8

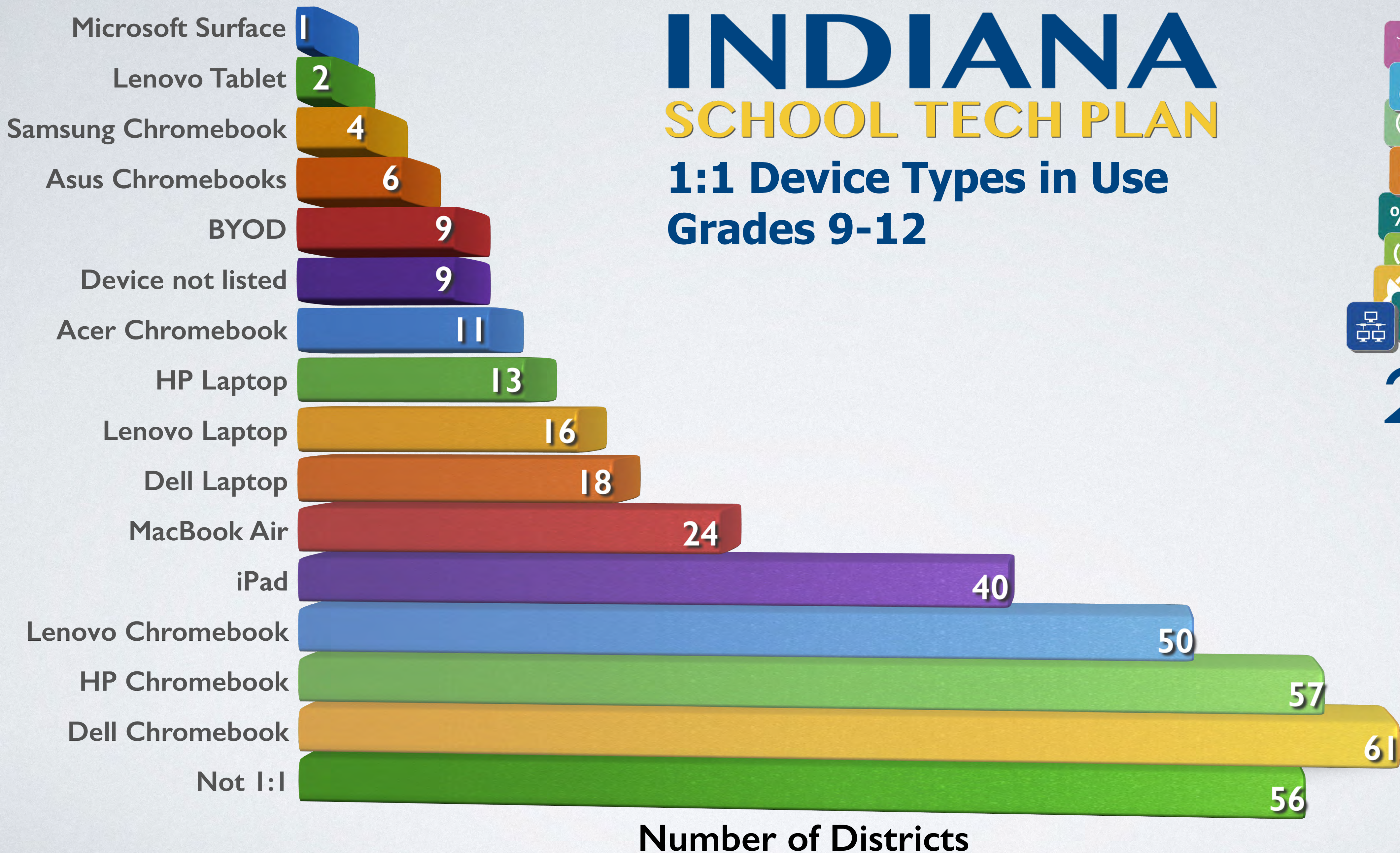
4-Year Comparison

Number of Districts



# 2019





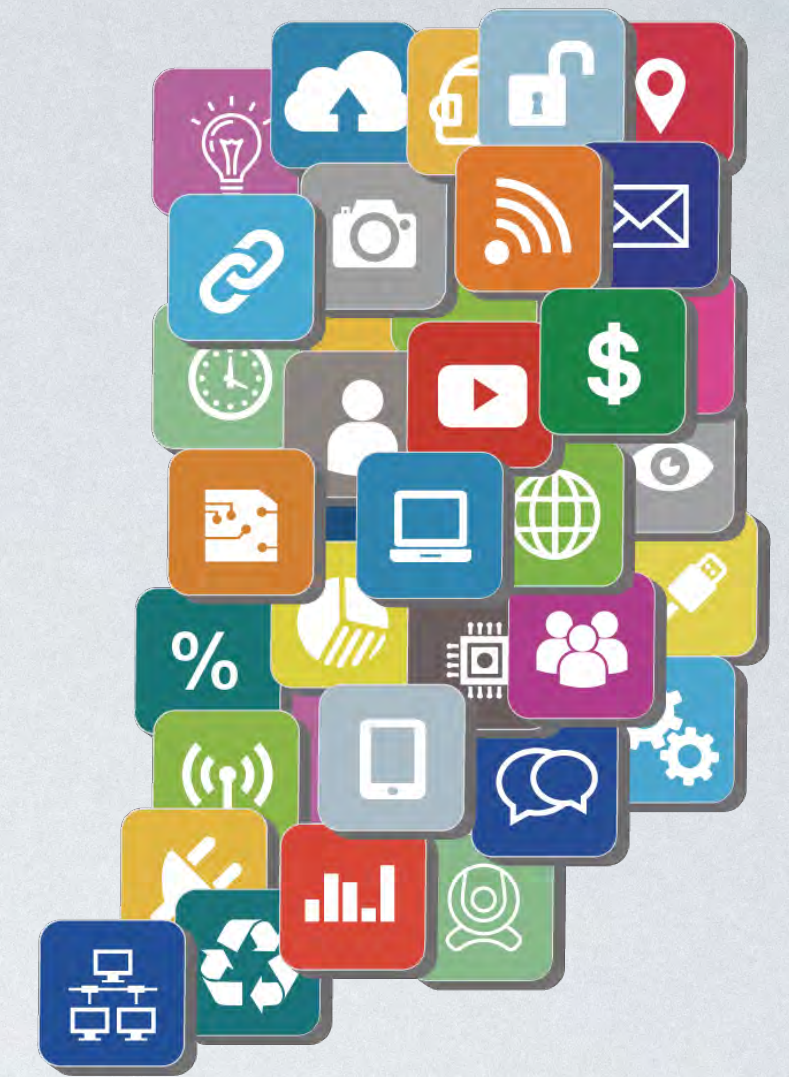
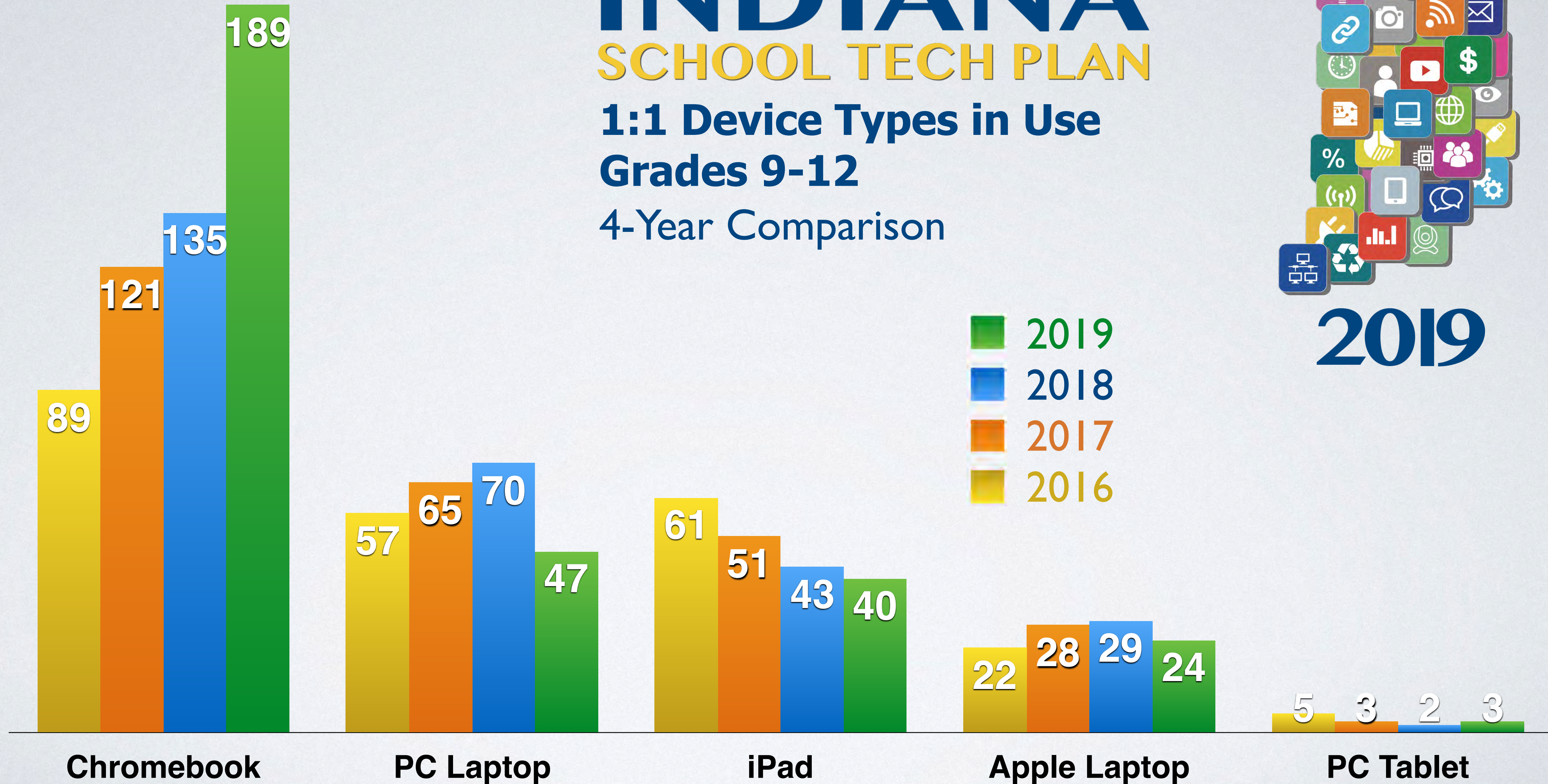


# INDIANA

## SCHOOL TECH PLAN

**1:1 Device Types in Use**  
**Grades 9-12**  
4-Year Comparison

Number of Districts



**2019**





# Virtual Learning



Number of Districts

# INDIANA SCHOOL TECH PLAN

Indiana's Top Providers for  
Virtual Courses



2019







# Staffing



Number of Positions

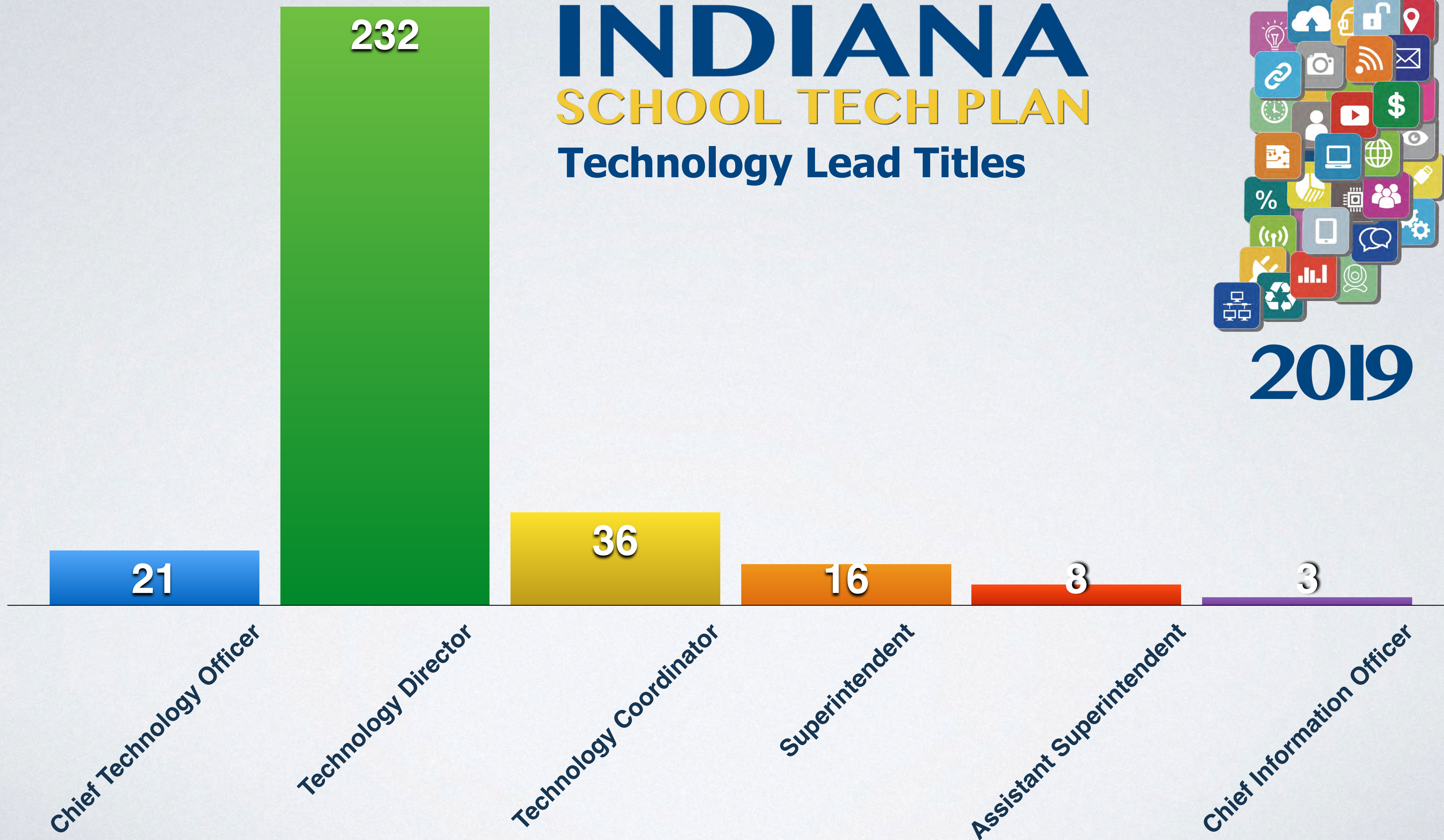
# INDIANA

## SCHOOL TECH PLAN

### Technology Lead Titles



2019





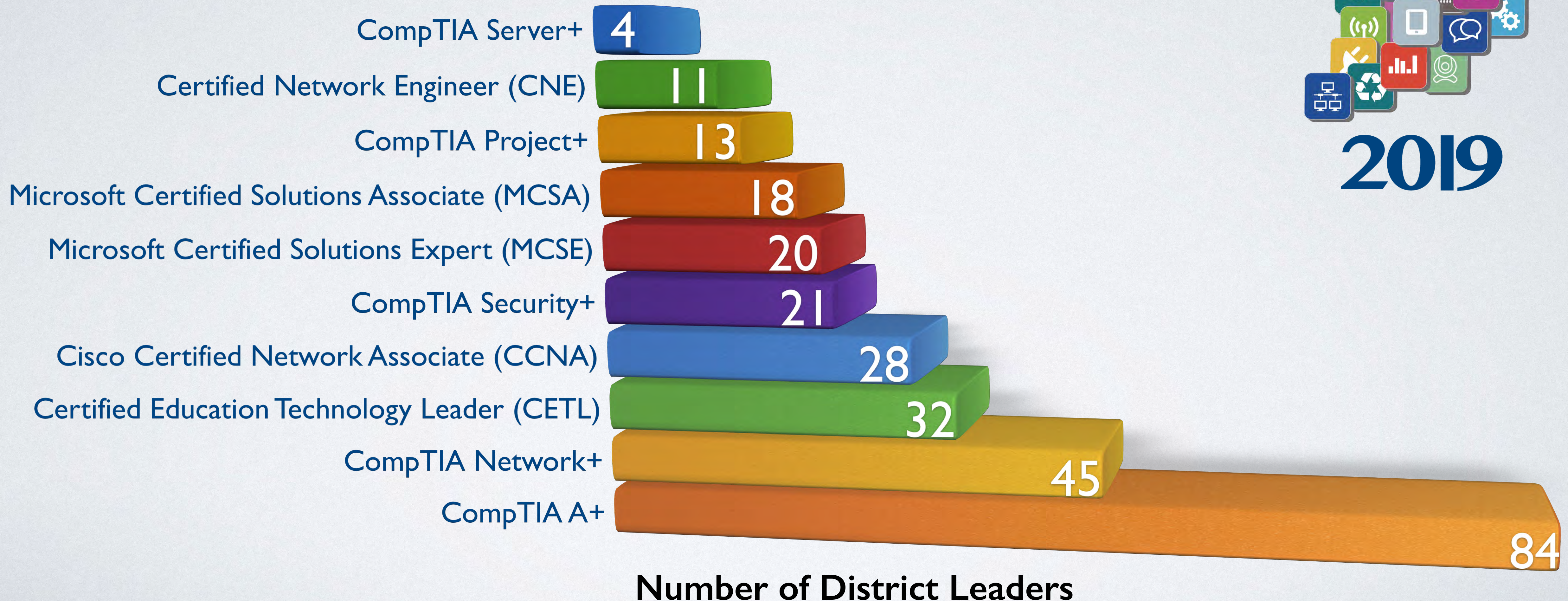
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## SCHOOL TECH PLAN

### Technology Lead Certifications



2019

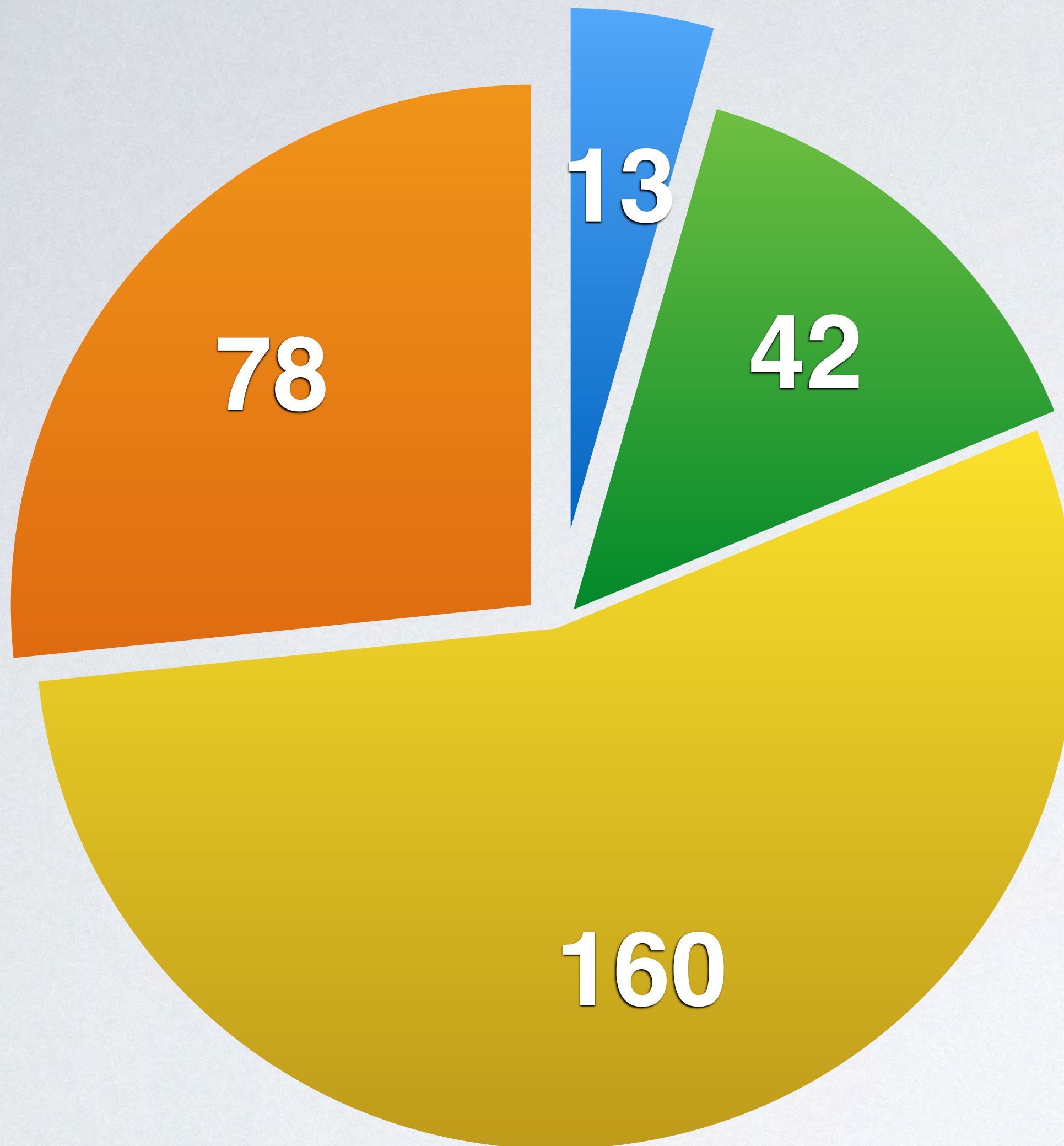




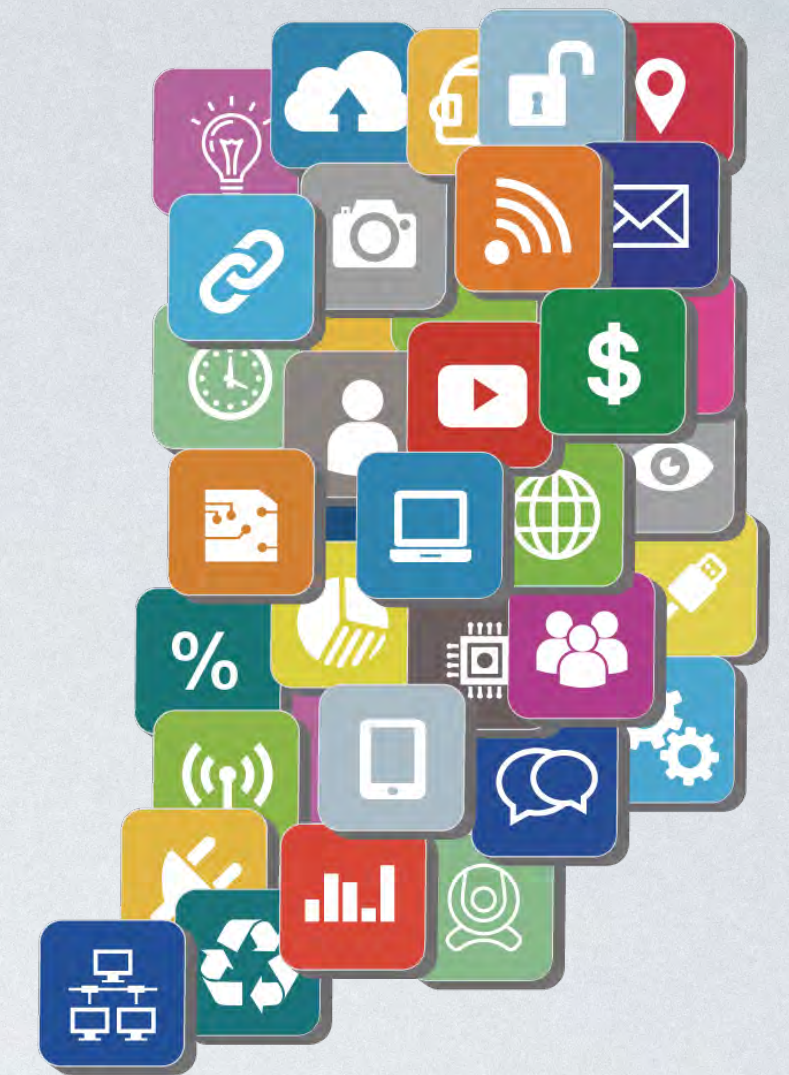
# INDIANA

## SCHOOL TECH PLAN

**Support Technicians  
FTE per 1,000 users**



Average District Techs:  
1.8 per 1,000 users (or 1 Tech for every 544 users)



# 2019

**Traditional Districts (non-charter)**

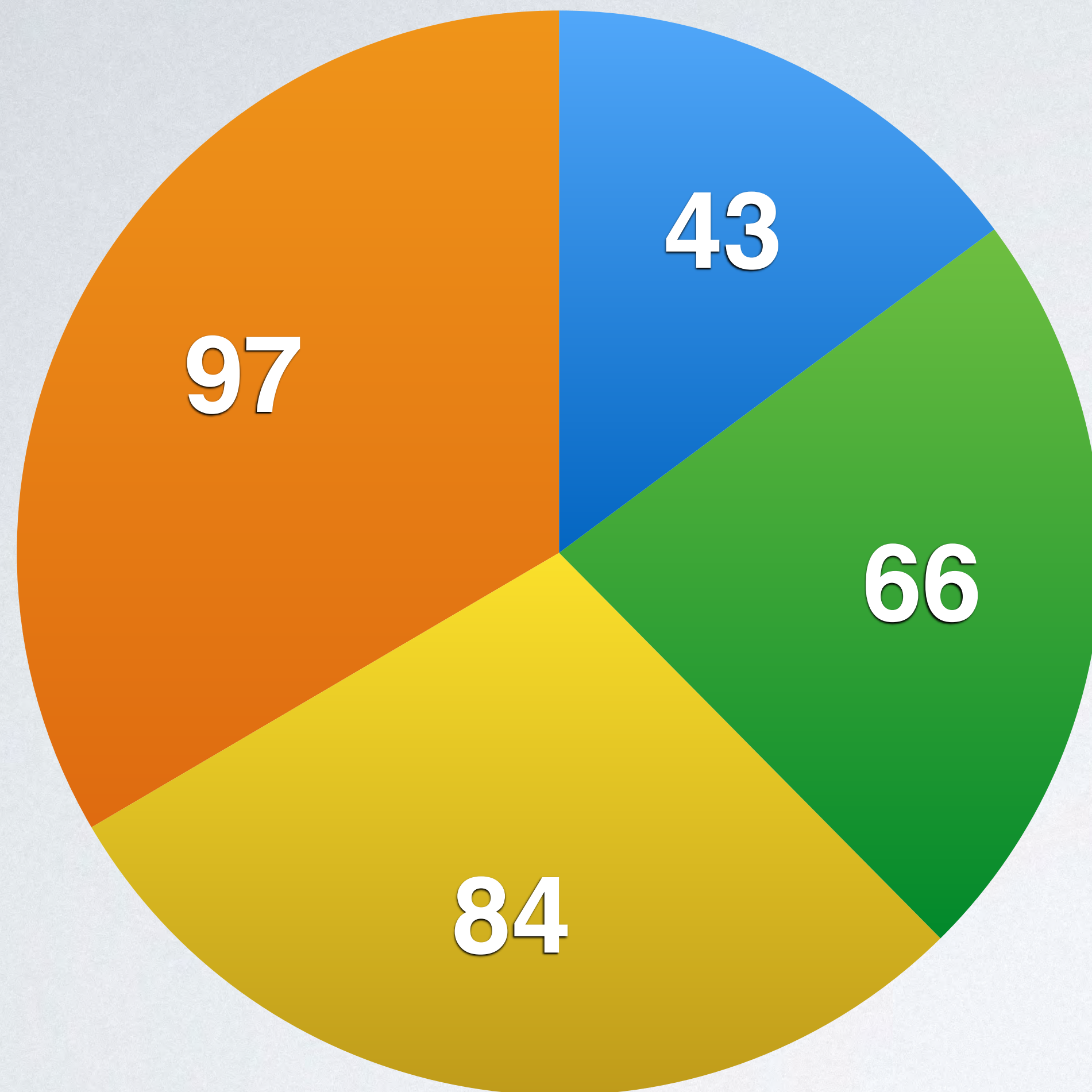
Data represents 293 of Indiana's traditional school districts



# INDIANA

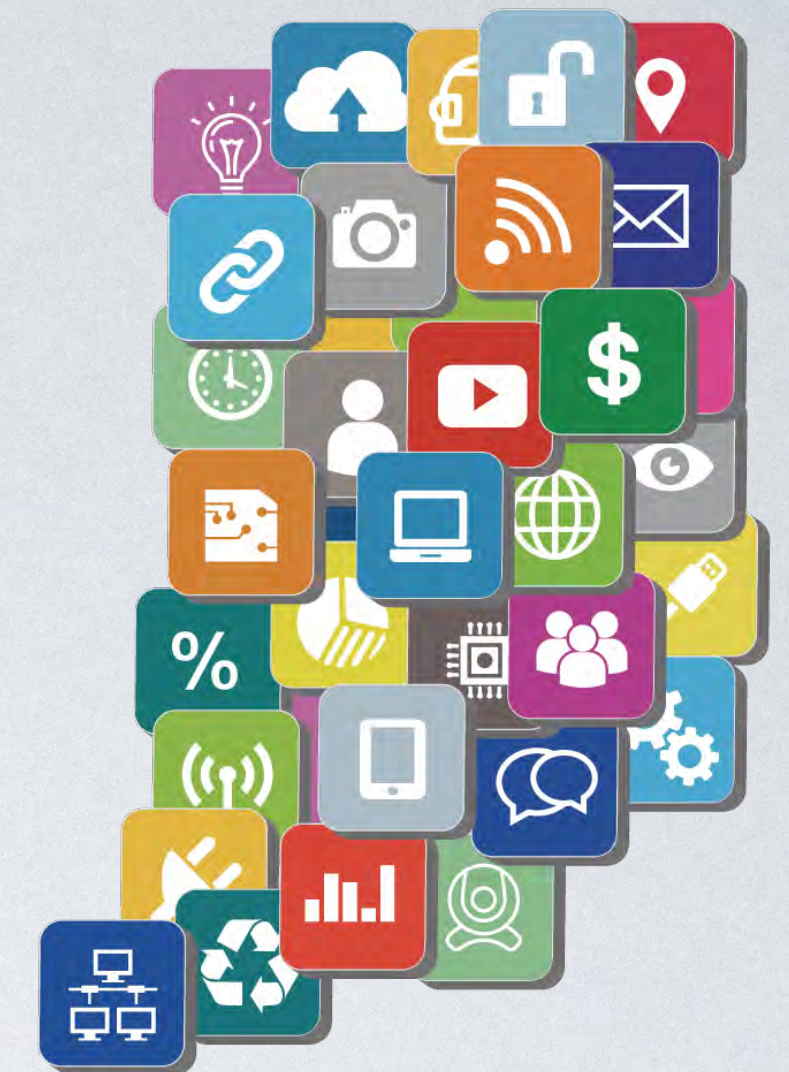
## SCHOOL TECH PLAN

**Integration Coaches  
FTE per 1,000 users**



Average District Coaches:

.51 per 1,000 users (or 1 Coach for every 1959 users)



# 2019

Traditional Districts (non-charter)

Data represents 293 of Indiana's traditional school districts



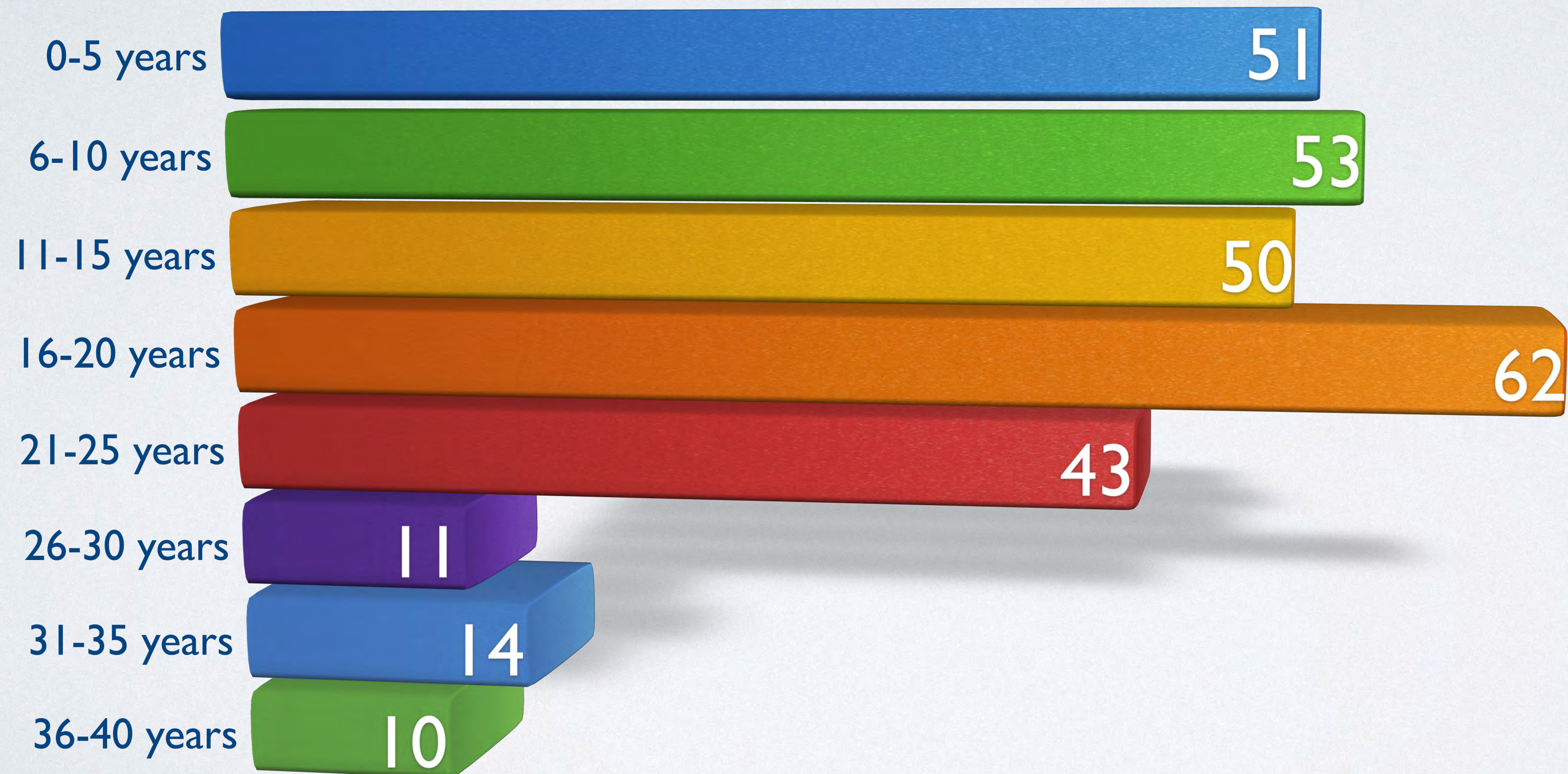
# INDIANA

## SCHOOL TECH PLAN

### Technology Lead Experience



2019



Number of District Leaders





# Platforms



# INDIANA

## SCHOOL TECH PLAN

### Collaboration & Productivity Platforms



2019

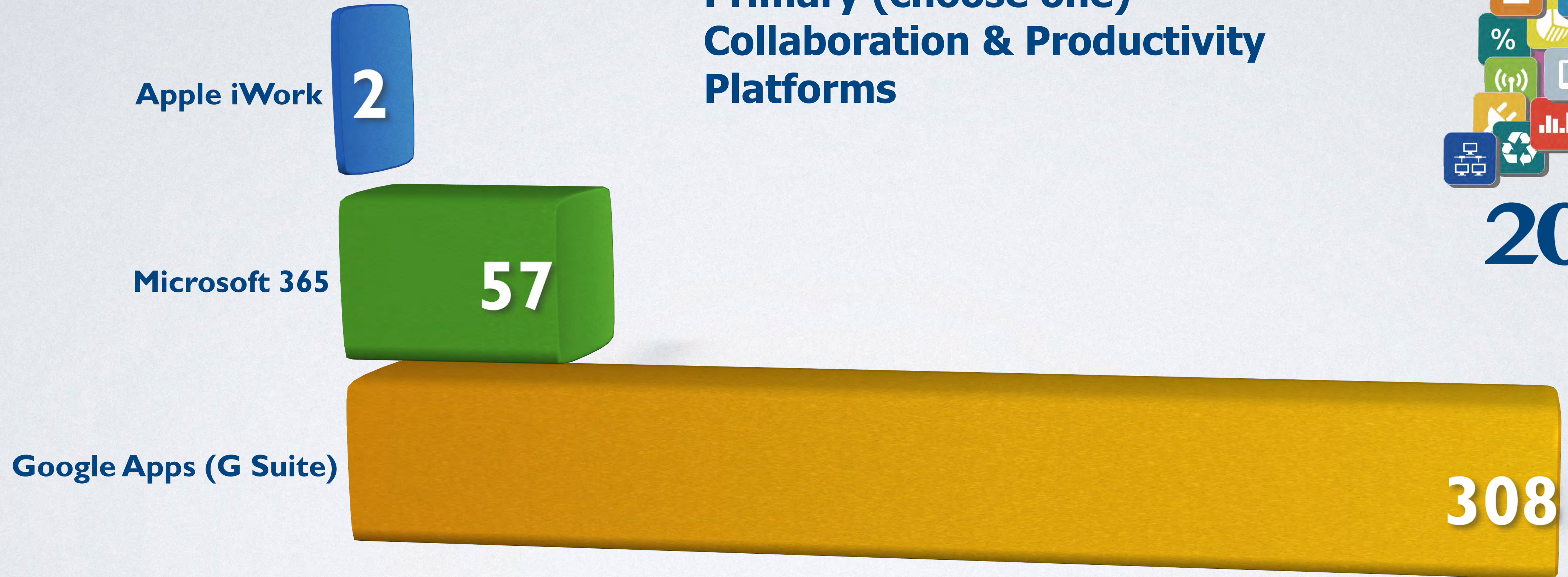
Google Apps for Education (346)					
				Microsoft 365 (141)	
				iWork (33)	
212	15	18	101	22	N/A 29

Number of Districts



# INDIANA SCHOOL TECH PLAN

**Primary (choose one)  
Collaboration & Productivity  
Platforms**



Number of Districts



**2019**



Number of Districts

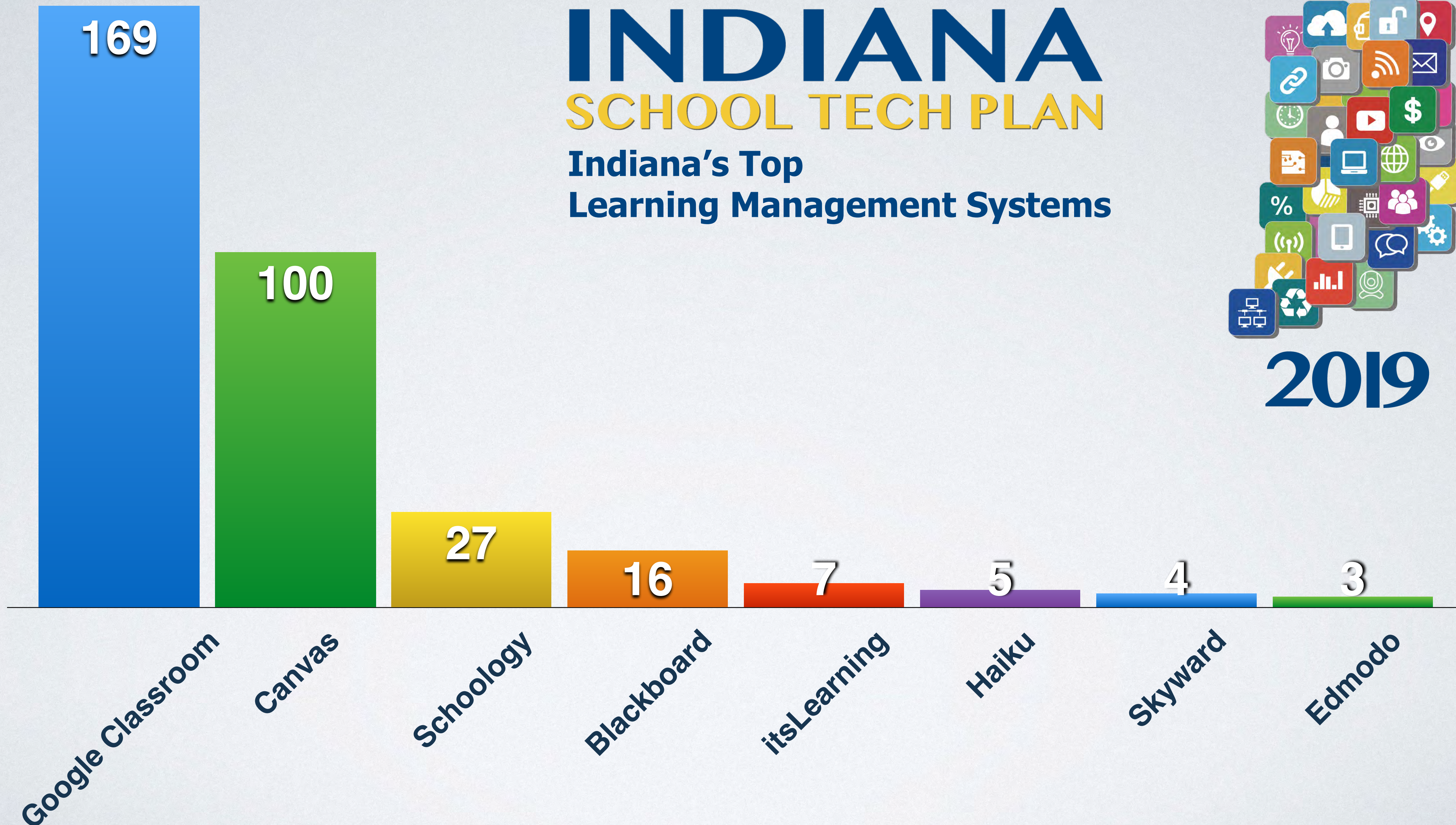
# INDIANA

## SCHOOL TECH PLAN

Indiana's Top  
Learning Management Systems



2019





Number of Districts

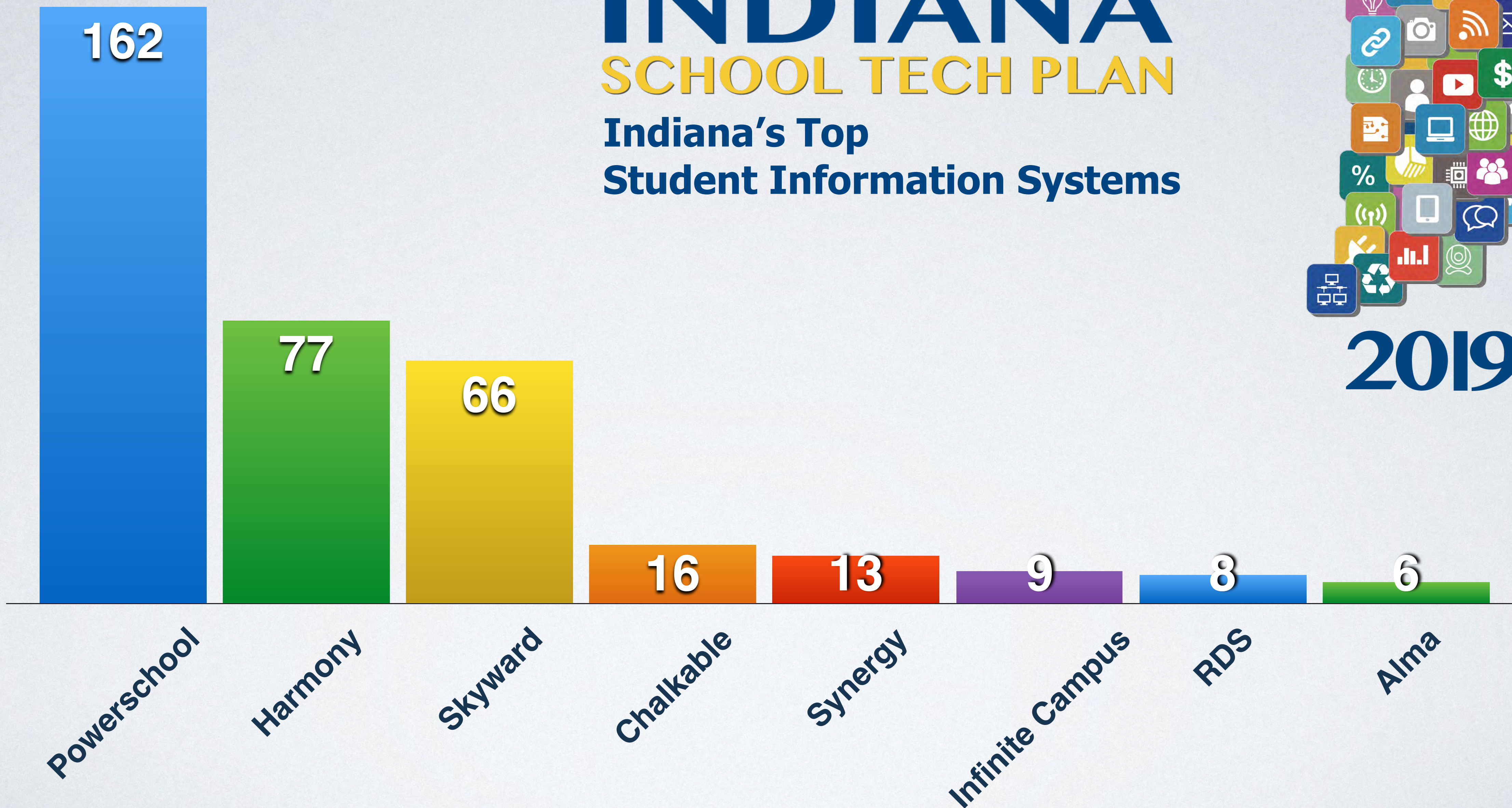
# INDIANA

## SCHOOL TECH PLAN

### Indiana's Top Student Information Systems



2019







# Digital Content

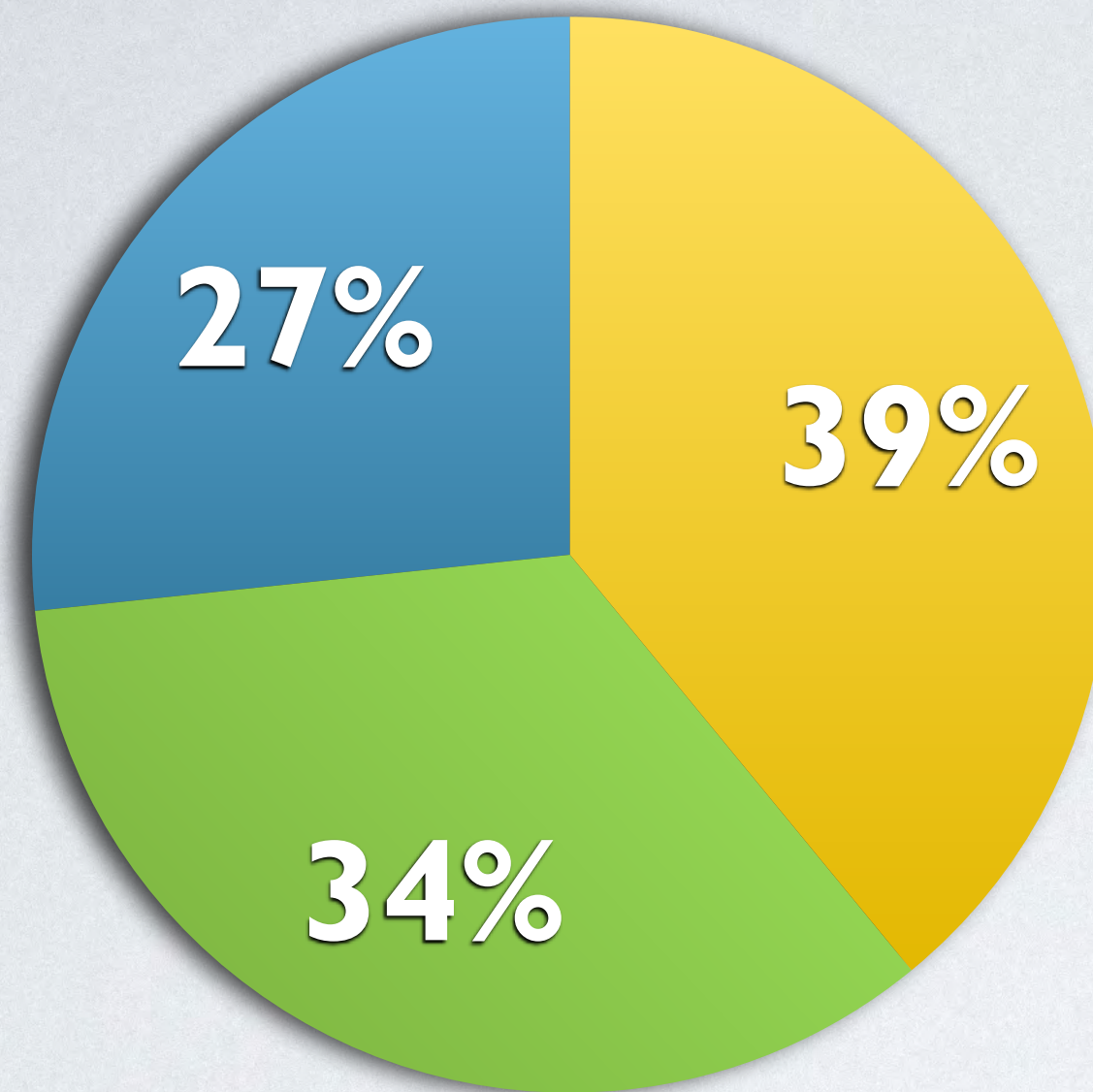


# INDIANA

## SCHOOL TECH PLAN

### Content Use Estimates

(By 1:1 Status)



All 1:1



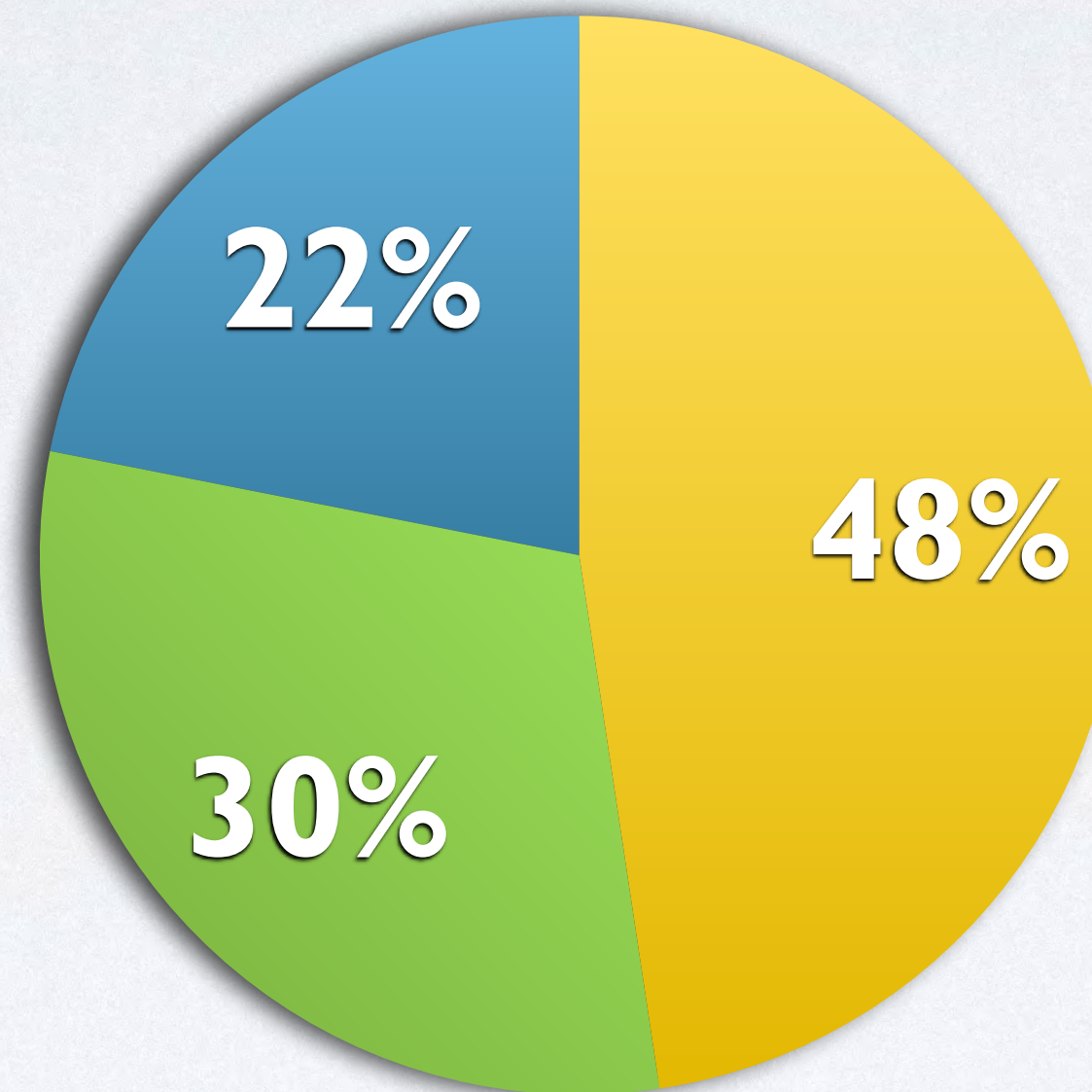
Physical Textbooks



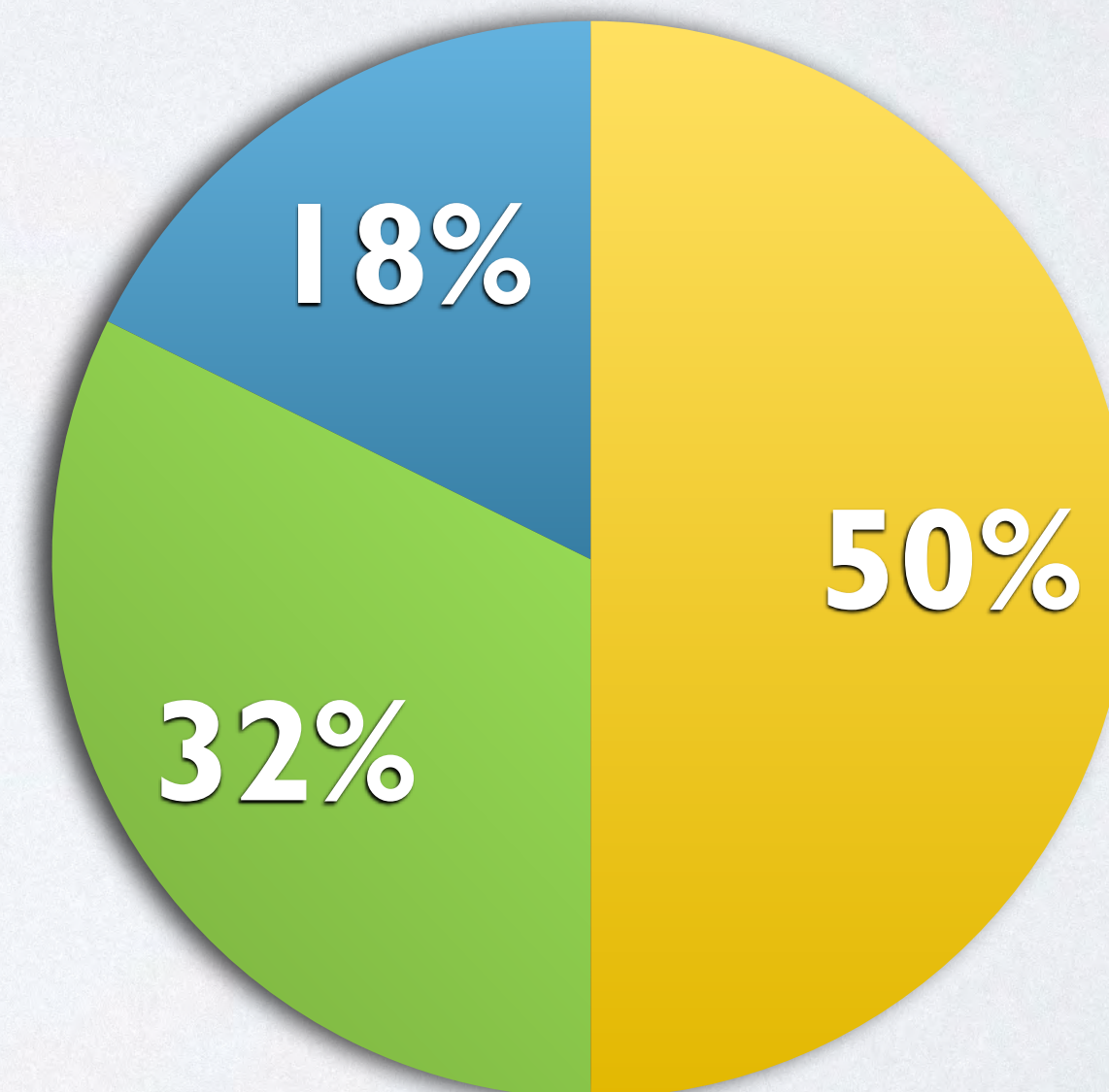
Purchased Digital Content



Teacher Created/Curated Digital Content



Partially 1:1



Not 1:1



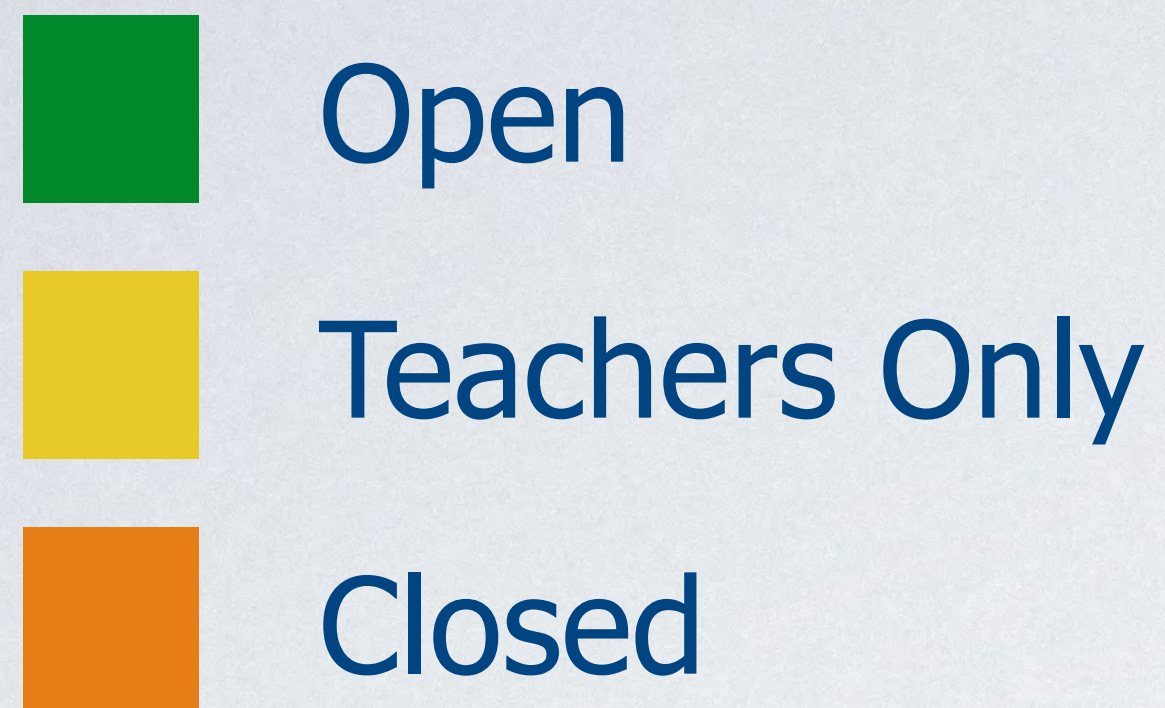
# 2019





# Social Media

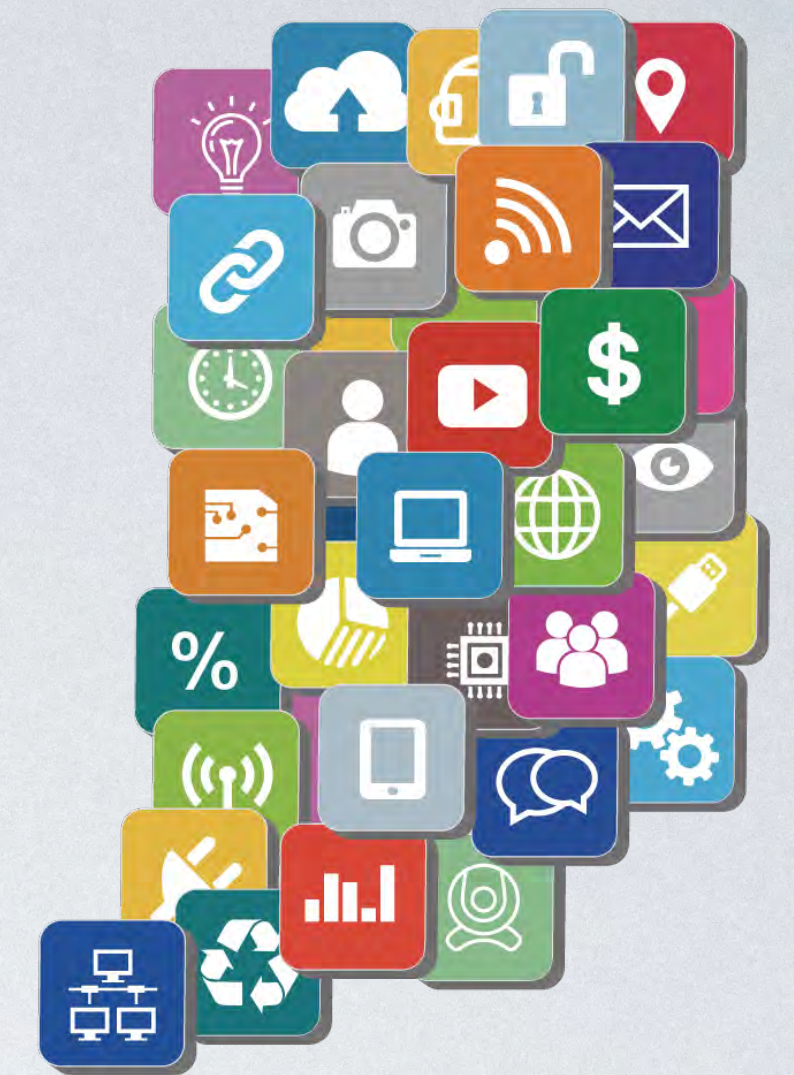




# INDIANA

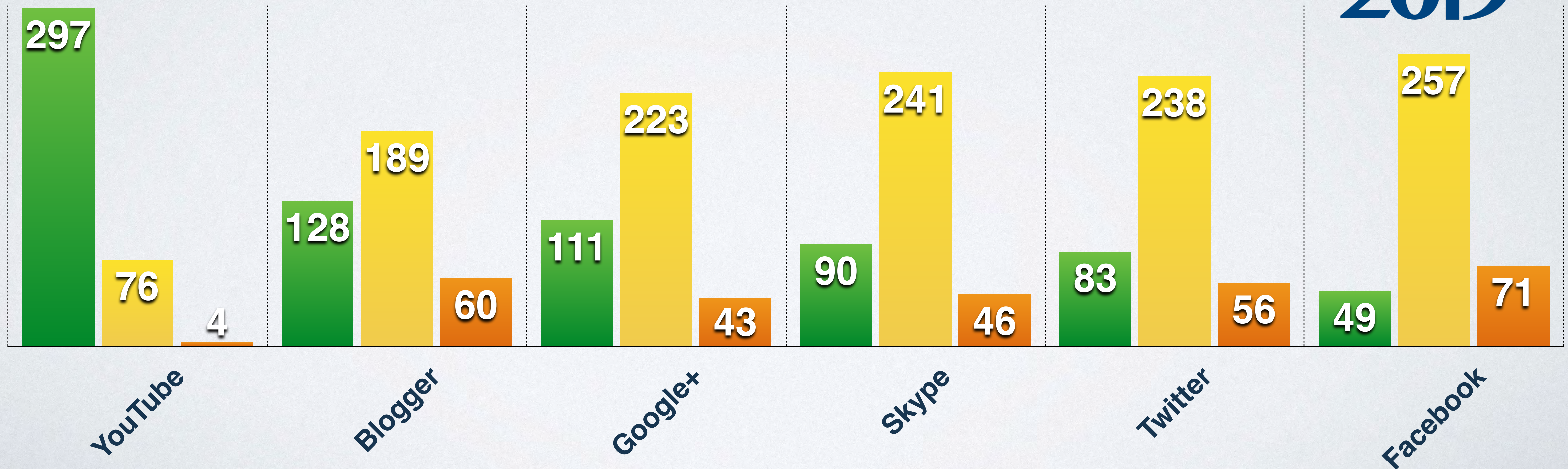
## SCHOOL TECH PLAN

### Social Media Access



2019

Number of Districts





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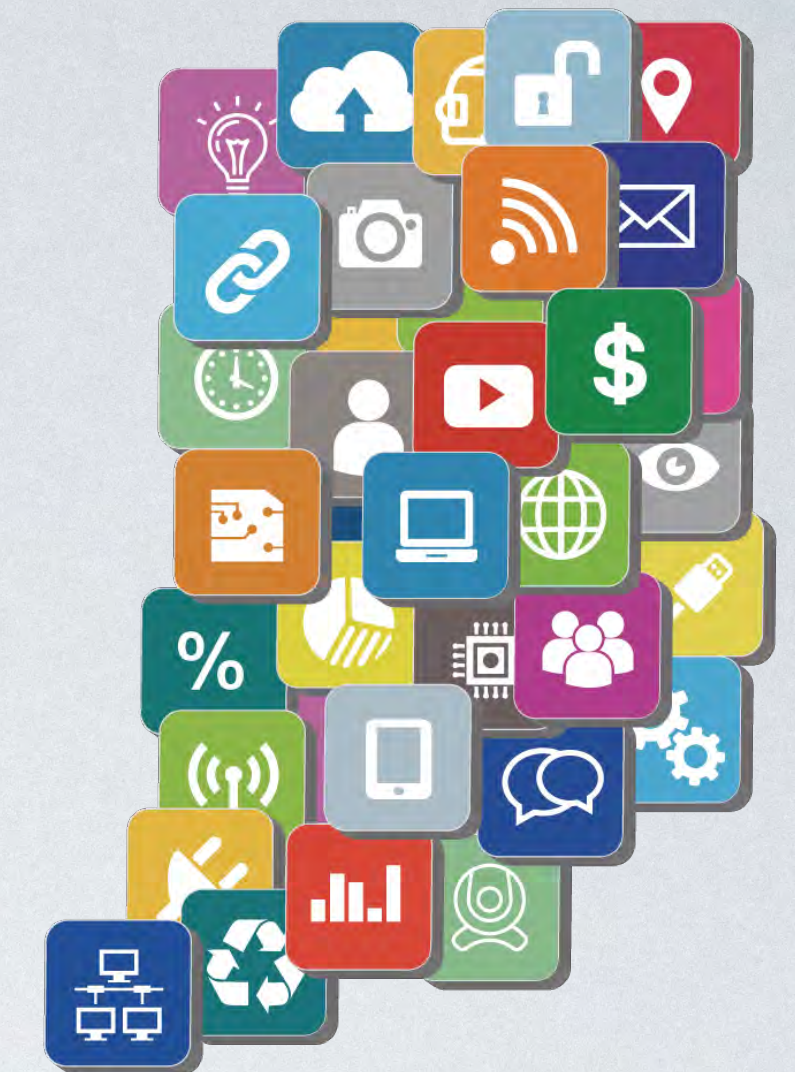
## SCHOOL TECH PLAN

### Social Media Access

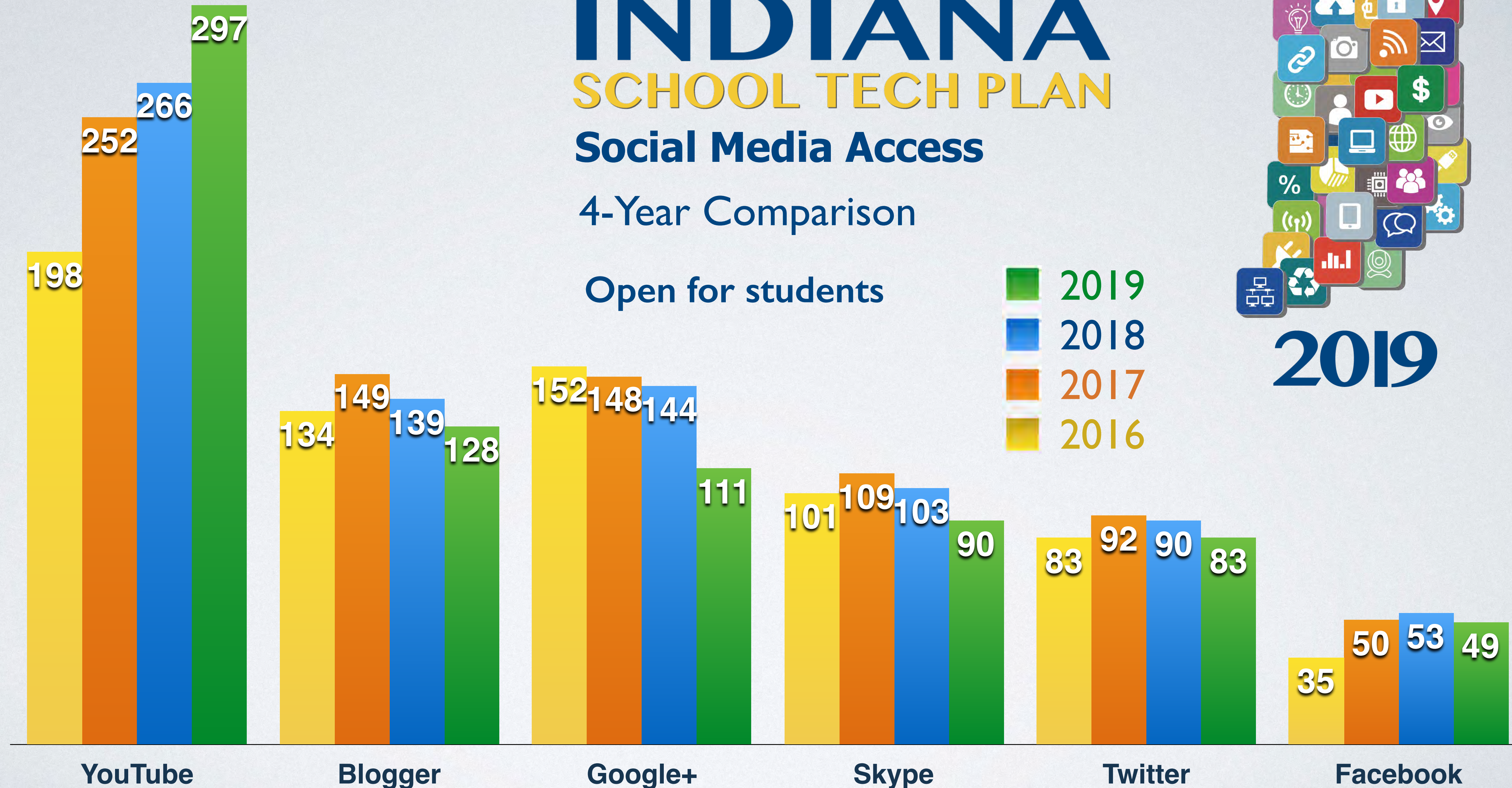
4-Year Comparison

Open for students

Number of Districts



# 2019





**INDIANA**  
SCHOOL TECH PLAN  
**2019**



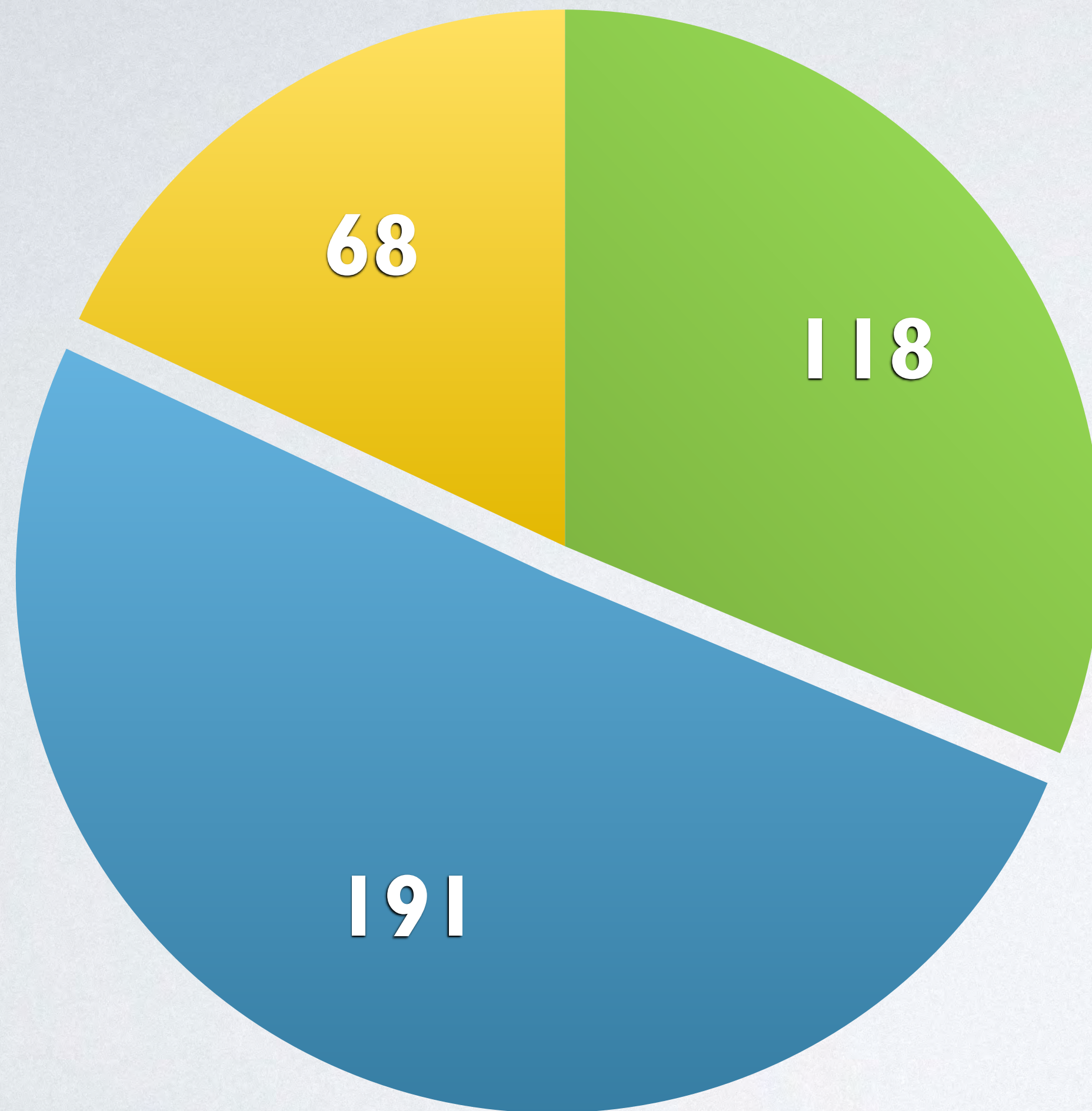
# Cybersecurity



# INDIANA

## SCHOOL TECH PLAN

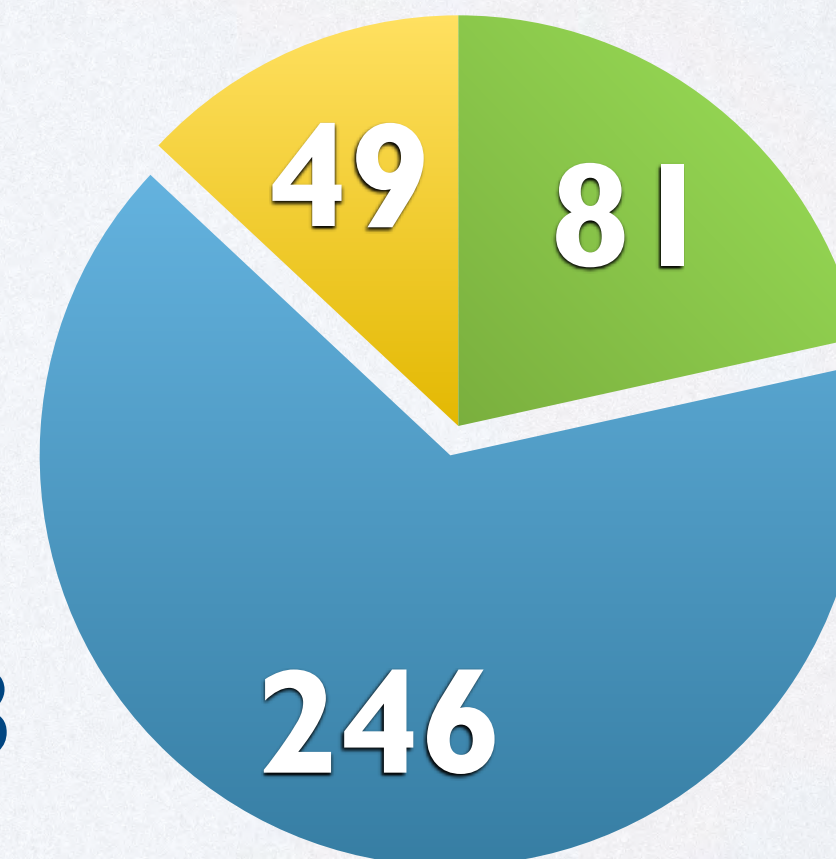
### Phishing



Have you conducted a phishing security test?

- Yes
- No
- In Process

2018

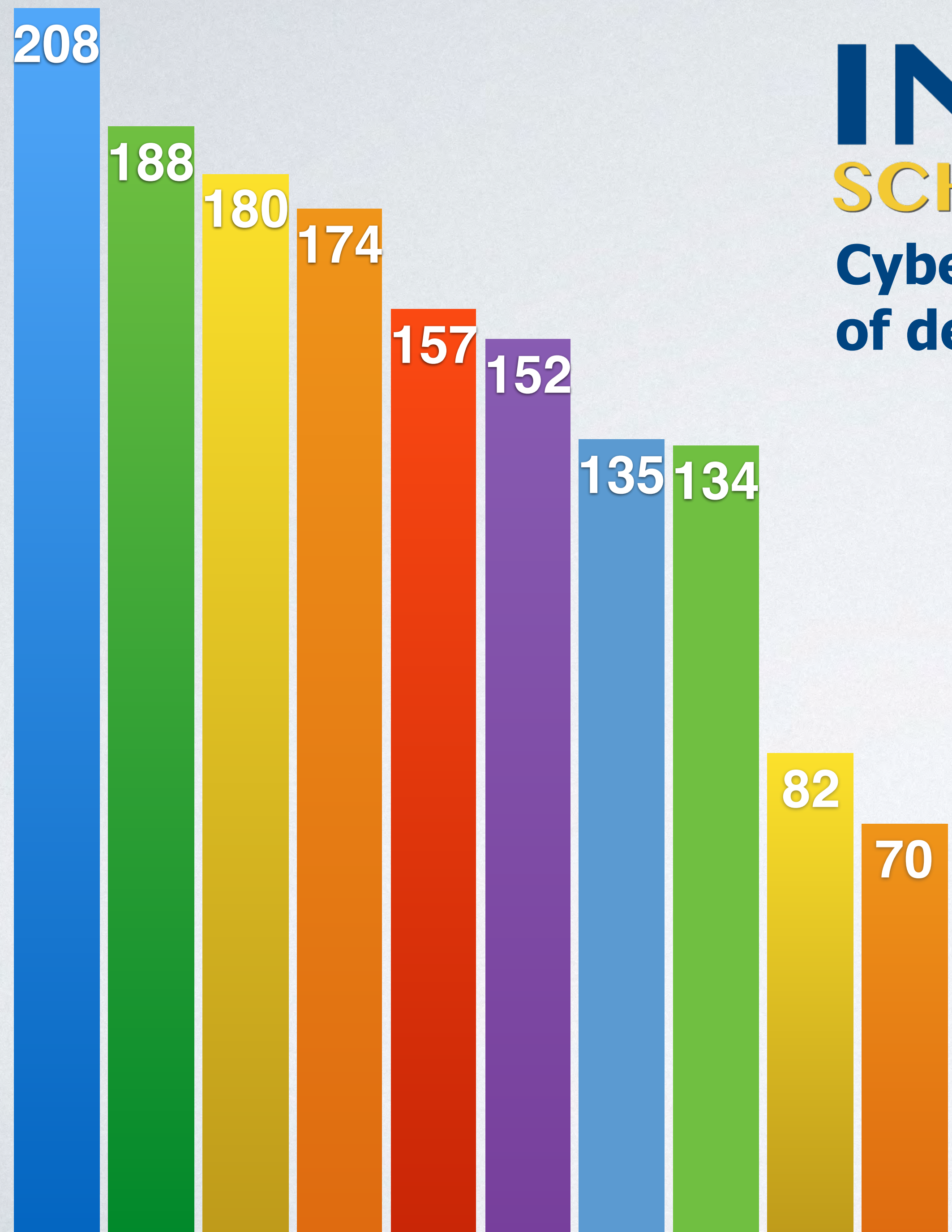


2019





Number of Disticts

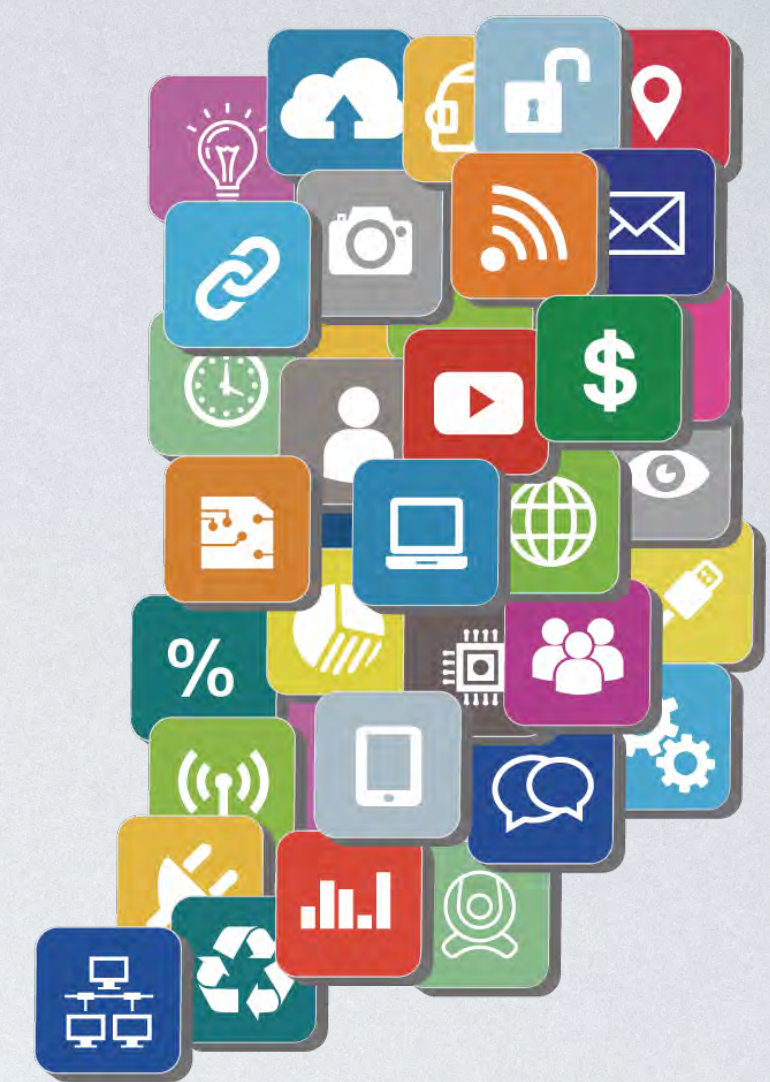


# INDIANA

## SCHOOL TECH PLAN

Cybersecurity areas in need of development or support

- Phishing campaigns
- External penetration testing
- Risk analysis
- Ransomware attacks
- Internal penetration testing
- Password procedures
- Data Security
- Denial-of-service attacks
- Physical security of equipment rooms
- Vendor practices



2019

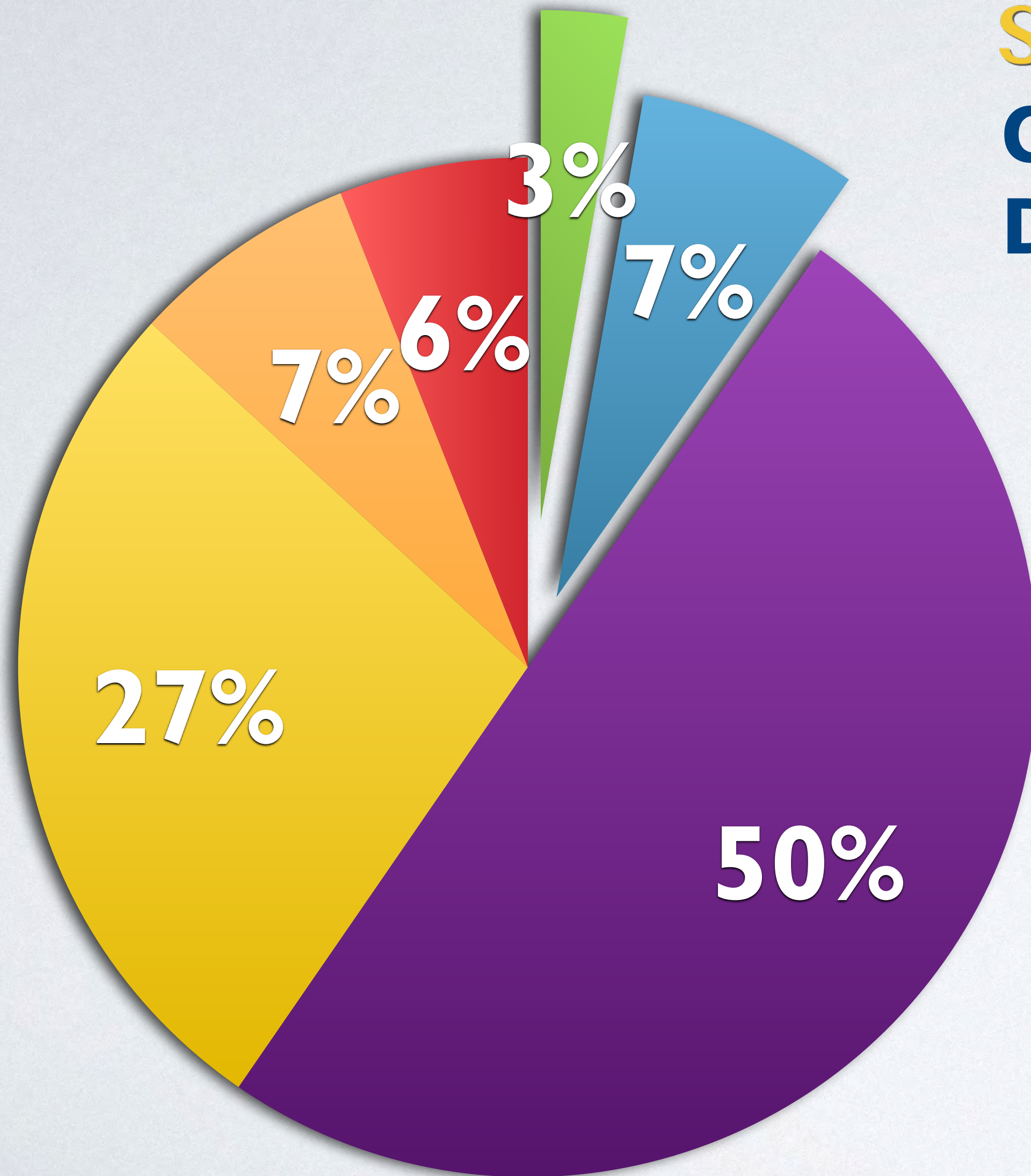




# INDIANA

## SCHOOL TECH PLAN

### Cybersecurity Discussions



How often is cybersecurity a topic of discussion at your cabinet level meetings?

- Several times a month
- Once a month
- Several times a year
- Once a year
- Hasn't come up
- no data



# 2019

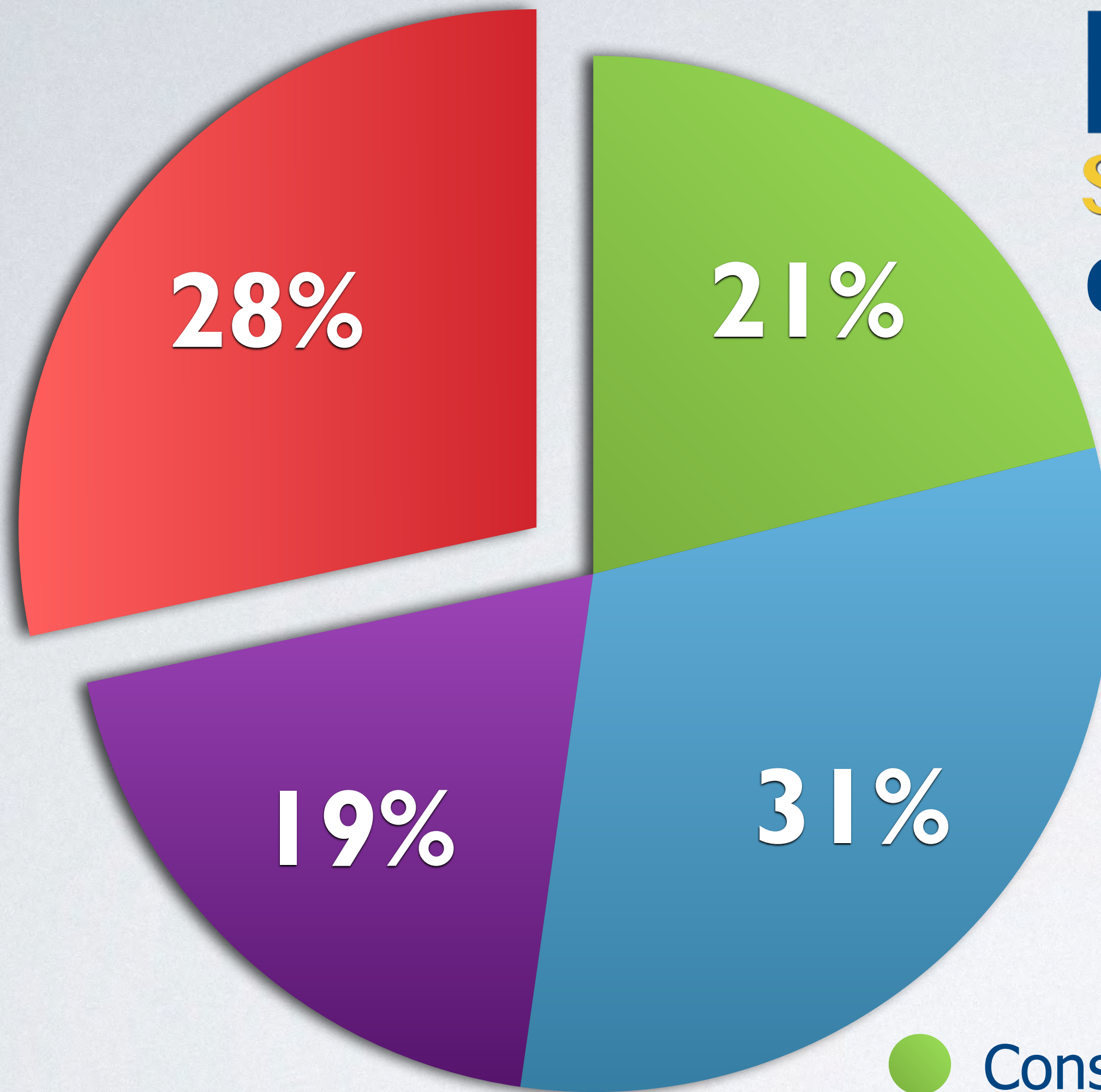




# INDIANA

## SCHOOL TECH PLAN

### Cybersecurity Budget

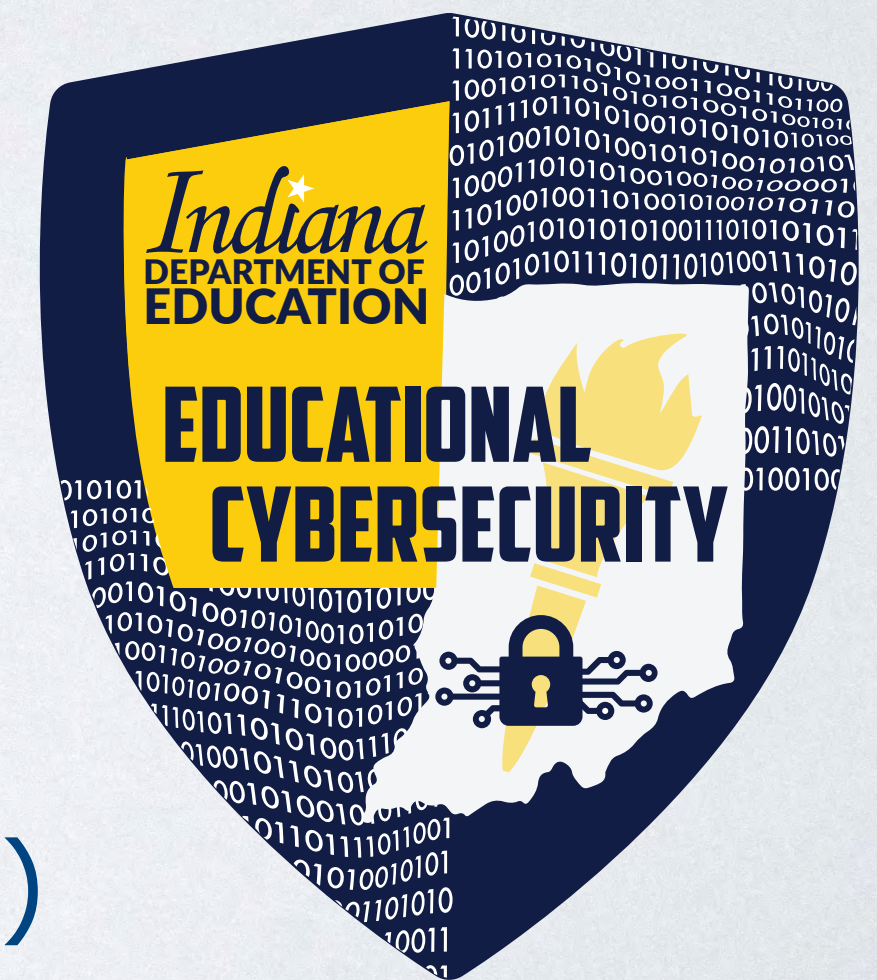


How much money does your district have budgeted for cybersecurity?

- Consistent, full funding for what is needed
- Consistent funding, but not enough
- Sporadic yearly funding (may rely on grants)
- No current funding



# 2019

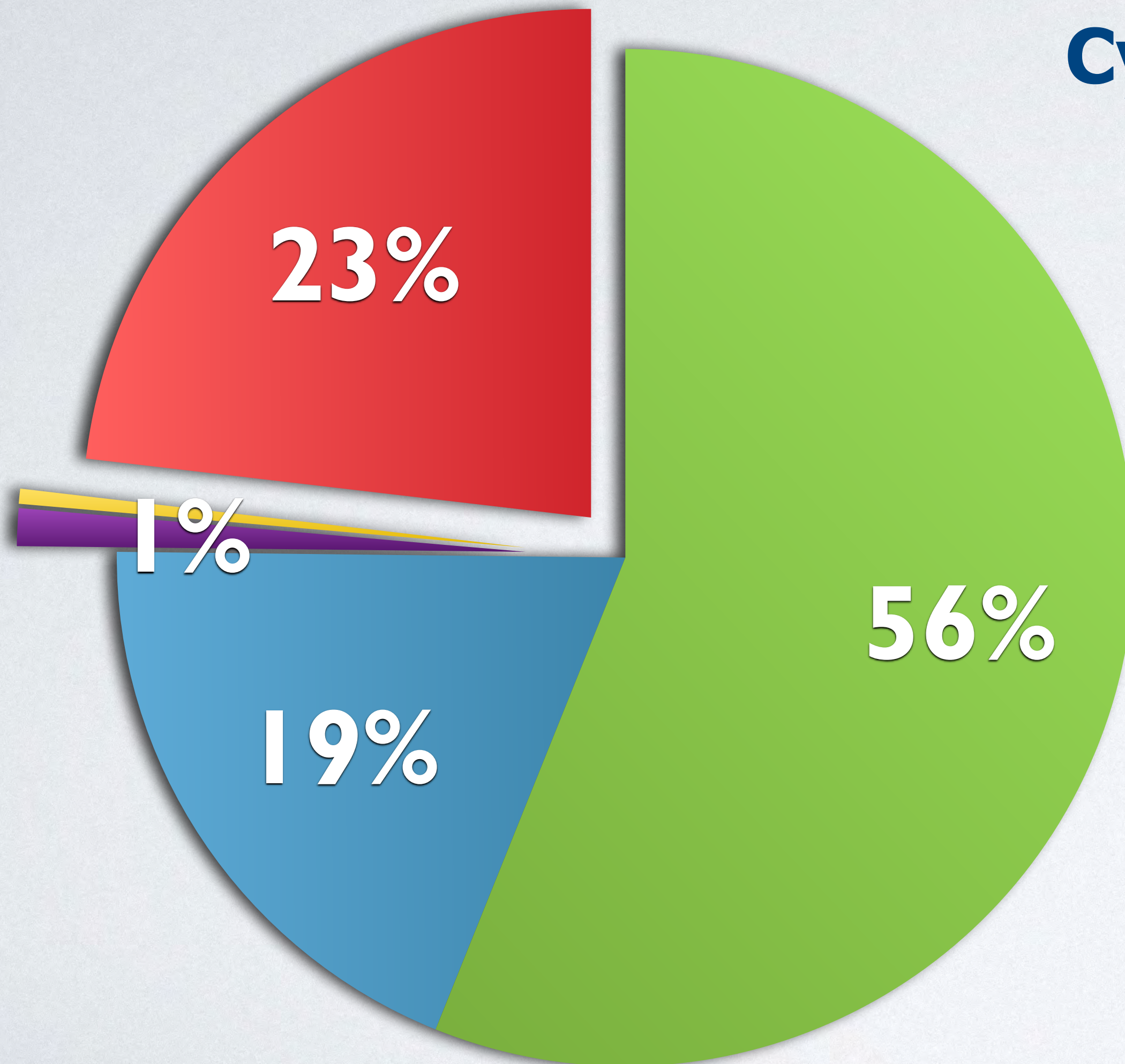




# INDIANA

## SCHOOL TECH PLAN

### Cybersecurity Budget



How does your district budget for cybersecurity today?

- Operations budget
- Grants
- Referendum
- GO Bond
- None



# 2019





# INDIANA

## SCHOOL TECH PLAN

# 2019

